

**SONY®**

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DIGITAL VIDEOCASSETTE RECORDER

**DSR-85**  
**DSR-85P**

SDI INPUT/OUTPUT BOARD

**DSBK-120**  
**DSBK-120P**

TIME CODE INPUT/OUTPUT BOARD

**DSBK-130**  
**DSBK-130P**

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**SERVICE MANUAL**

Vol. 2 (1st Edition/Revised 1)

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**DVCAM™**

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## **⚠ 警告**

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理などを行うと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

設置や保守、点検、修理などを行う前に、別冊のサービスマニュアルVolume 1の「安全のために」と別冊のサービスマニュアルに掲載してある取扱説明書の「安全のために」を必ずお読みください。

## **⚠ WARNING**

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

## **⚠ WARNING**

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegebenen Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

## **⚠ AVERTISSEMENT**

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.



## このマニュアルについて

本書は、デジタルカセットレコーダ DSR-85/85P とそのオプション基板である SDI 入出力ボード DSBK-120/120P、タイムコード入出力ボード DSBK-130/130P のサービスマニュアル Vol. 2 です。本書では、ブロックダイアグラム、マウント図、回路図、パーツリストを記載しています。

## 構成

本書の構成を把握していただくために、全章の概略を以下に説明します。

### 第9章 BLOCK DIAGRAMS

各基板の機能や信号の流れを示すブロック図を掲載しています。

### 第10章 BOARD LAYOUTS

全プリント基板のパターンとシンボル図を掲載しています。

### 第11章 SCHEMATIC DIAGRAMS

全プリント基板の回路図を掲載しています。

### 第12章 SEMICONDUCTOR PIN ASSIGNMENTS

使用半導体の外形およびICについては概略の機能ブロックや、ピン名称を記載しています。

### 第13章 SPARE PARTS AND OPTIONAL FIXTURES

セットの全サービス部品を記載しています。

## Introducing this manual

This manual is the Service Manual Vol. 2 of the digital videocassette recorder model DSR-85/85P and the option board SDI input/output board DSBK-120/120P, time code input/output board DSBK-130/130P. This manual contains block diagrams, board layouts, schematic diagrams and parts lists.

## Contains

The sections covered in the manual are summarized below to give you a general understanding of the manual.

### Section 9 BLOCK DIAGRAMS

### Section 10 BOARD LAYOUTS

Shows the board layouts of all circuit boards.

### Section 11 SCHEMATIC DIAGRAMS

Shows the schematic diagrams of all circuit board.

### Section 12 SEMICONDUCTOR PIN ASSIGNMENTS

Shows the external dimensions of the semiconductors used, and describes outlines of the function blocks and pin names of the ICs.

### Section 13 SPARE PARTS AND OPTIONAL FIXTURES

Describes the all service parts of the unit.



## 関連マニュアル

本機には、この「サービスマニュアル Vol. 2」の他に、下記のマニュアルが用意されています。

- **取扱説明書（本機に付属しています）**  
部品番号：3-858-309-04  
本機を実際に運用および操作するのに必要な情報を記載しています。
- **サービスマニュアル vol.1（本機に付属していません）**  
部品番号：9-977-672-12  
本機の保守に関する情報と、部品交換および調整などのサービスに関する情報を記載しています。

## Related manuals

In addition to this Service Manual Vol. 2, the following manuals are provided.

- **Operating Instrucions (Supplied with equipment)**  
Parts number : 3-858-309-14 (English)  
3-858-309-24 (French)  
3-858-309-34 (German)  
3-858-309-44 (Italian)  
Explains how to operate this equipment.
- **Service Manual Vol. 1 (Not supplied with equipment)**  
Parts number : 9-977-673-12  
Contains the maintenance information and servicing information necessary for parts replacement and adjustment.



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8. 電気調整要項

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2. INSTALLATION
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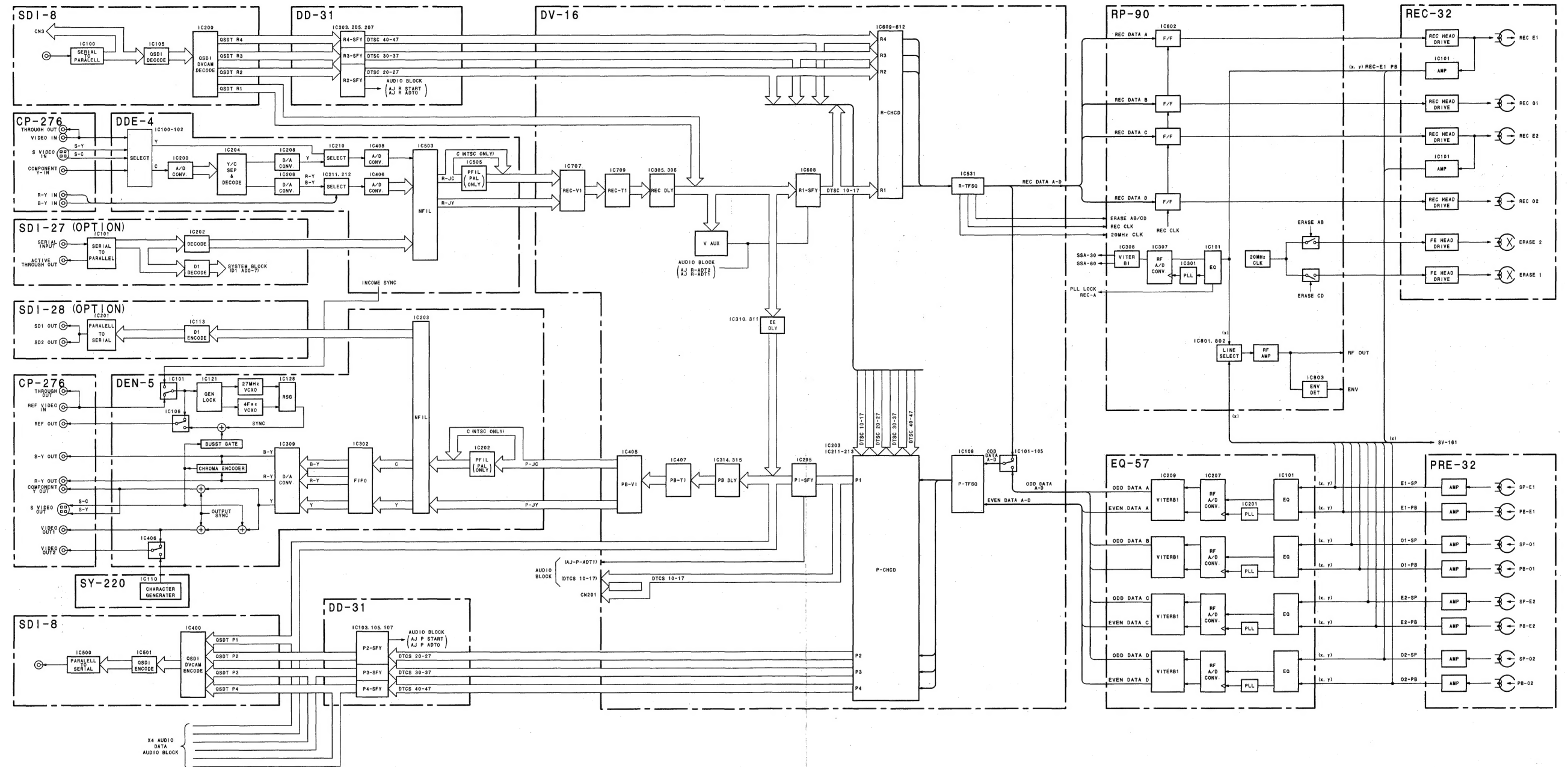
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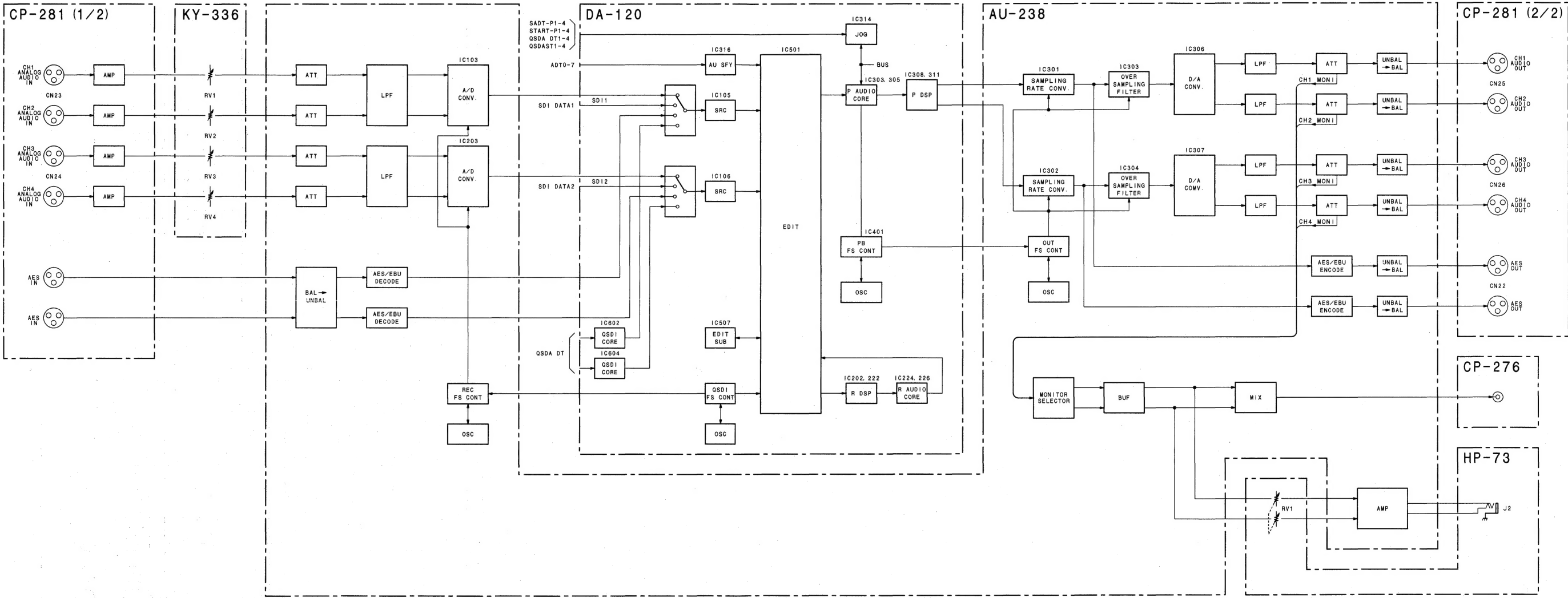
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## OVERALL BLOCK (1/3)



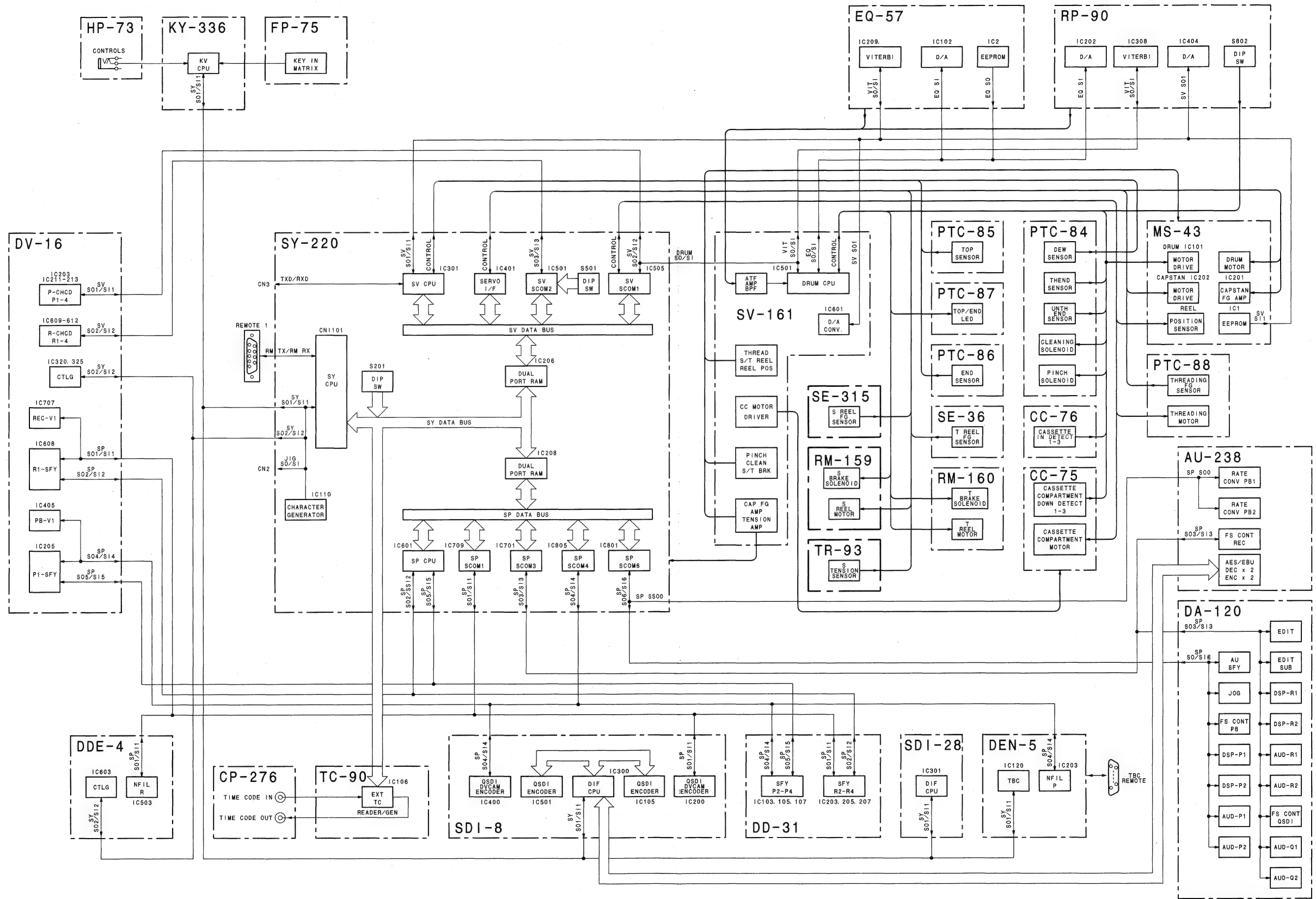


OVERALL BLOCK (2/3)





OVERALL BLOCK (3/3)



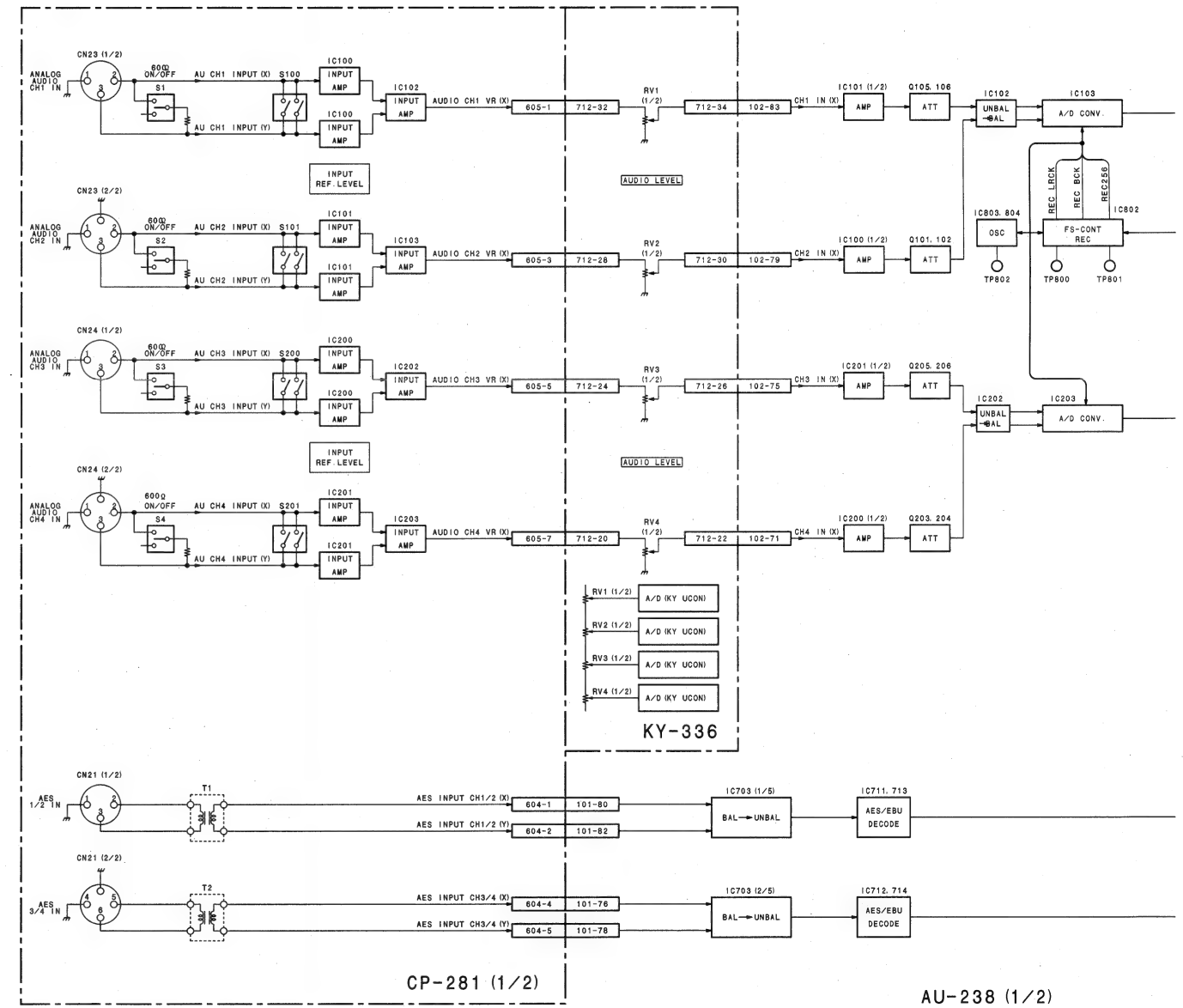
OVERALL BLOCK (3/3)  
MODEL DSR-85/85P



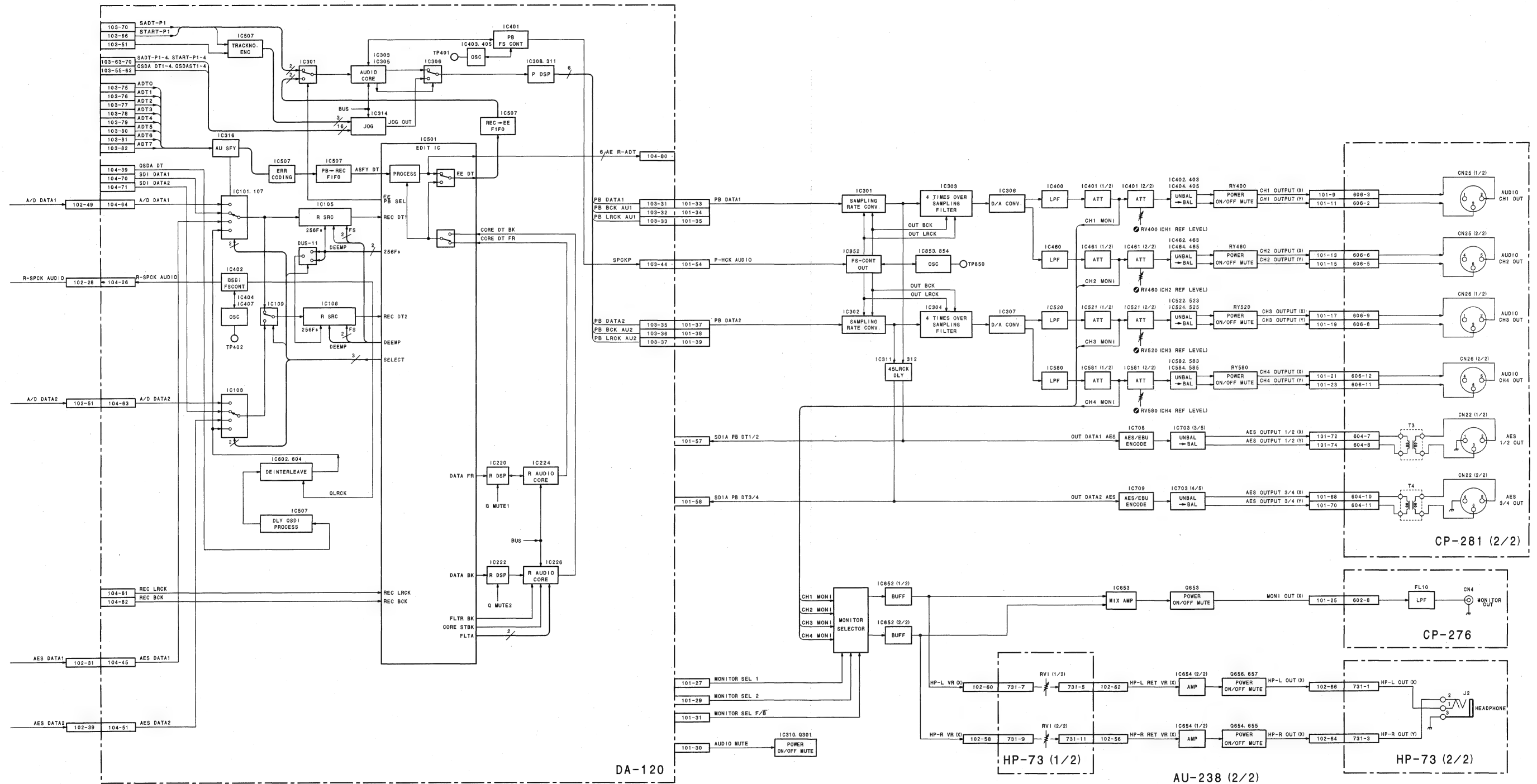
AUDIO

AU-238 : AUDIO PROCESS

DA-120 : DIGITAL AUDIO PROCESS





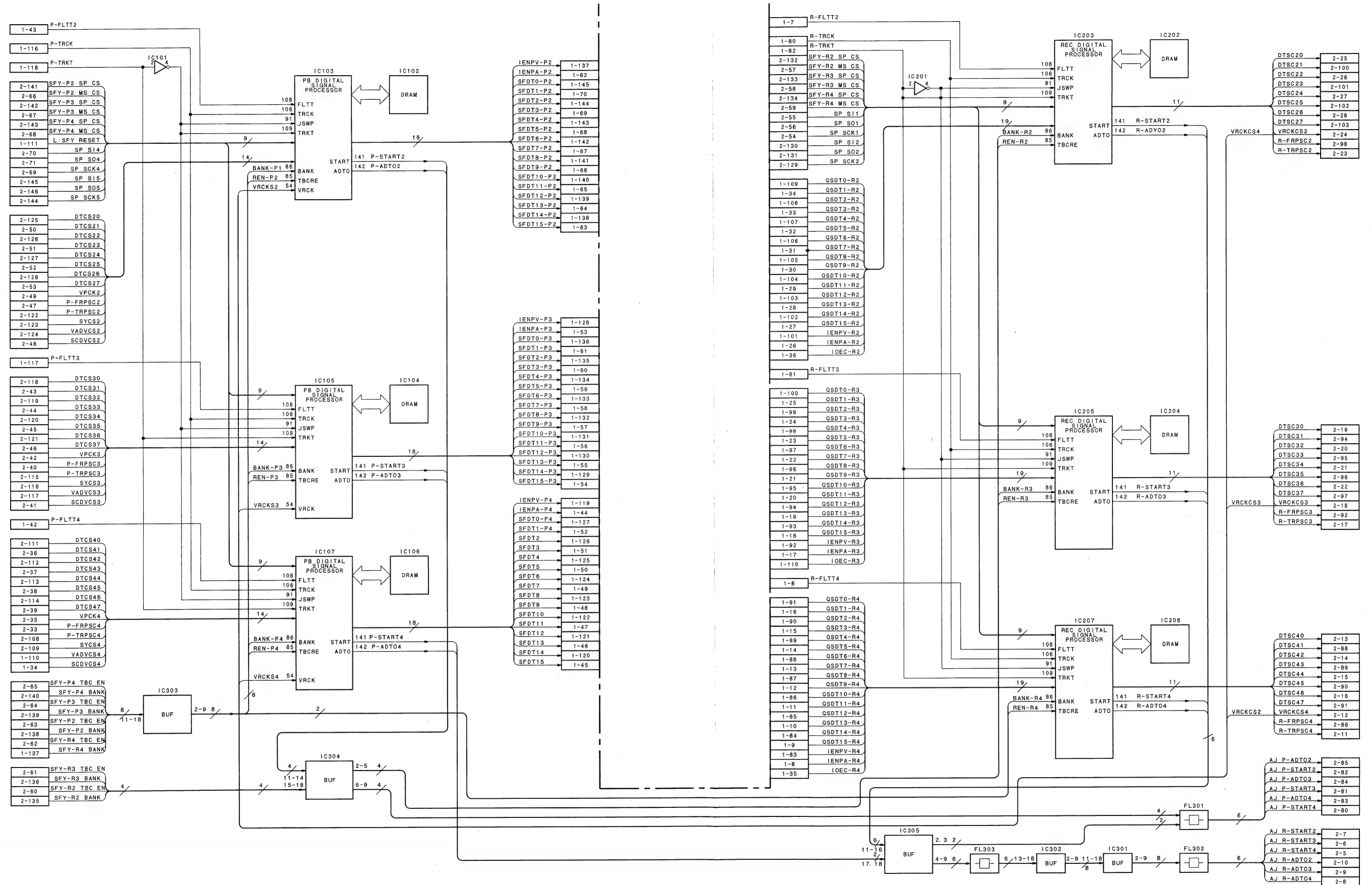






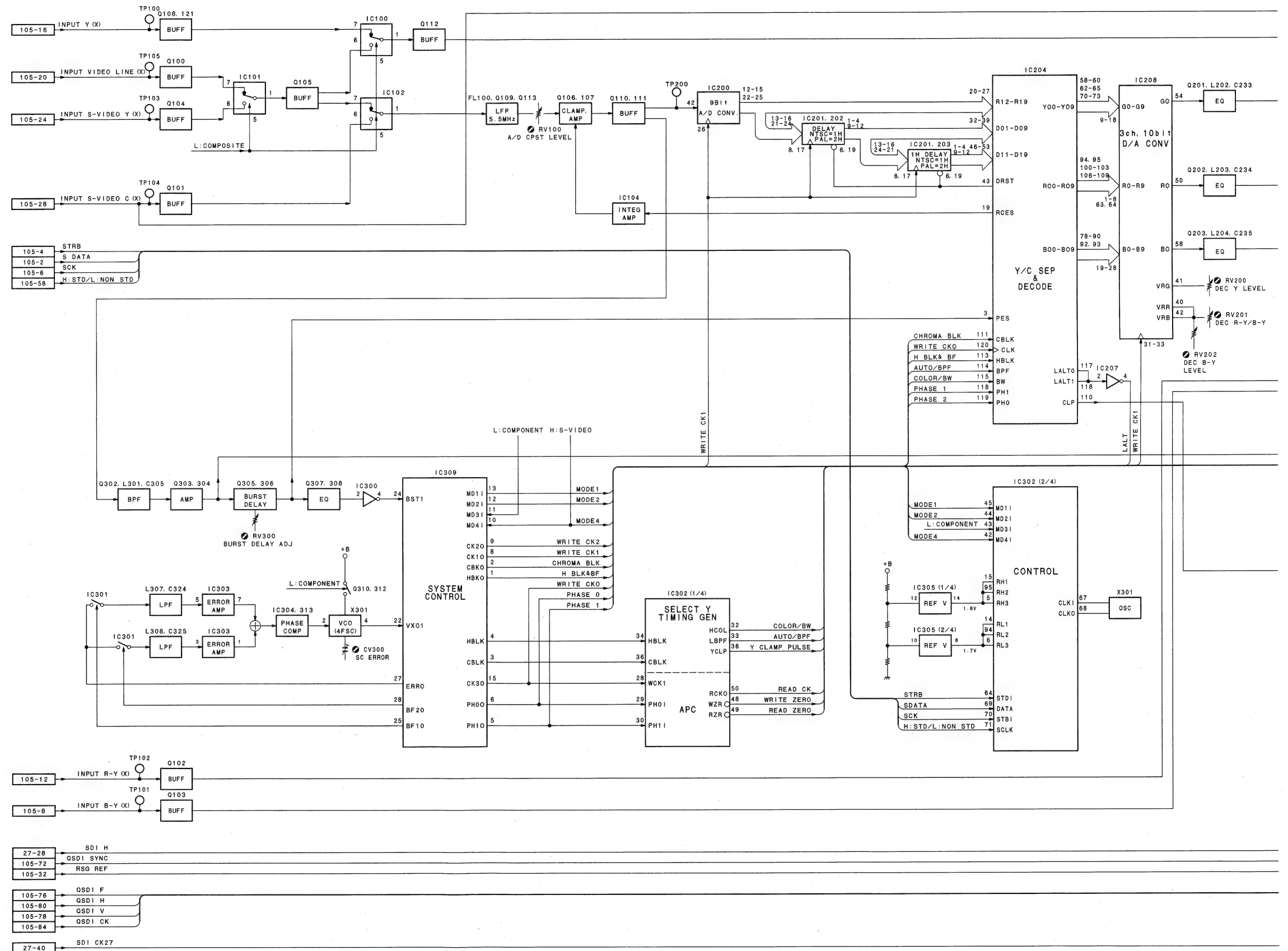


## DD-31 : DATA PROCESS





DDE-4/4P : VIDEO INPUT PROCESS

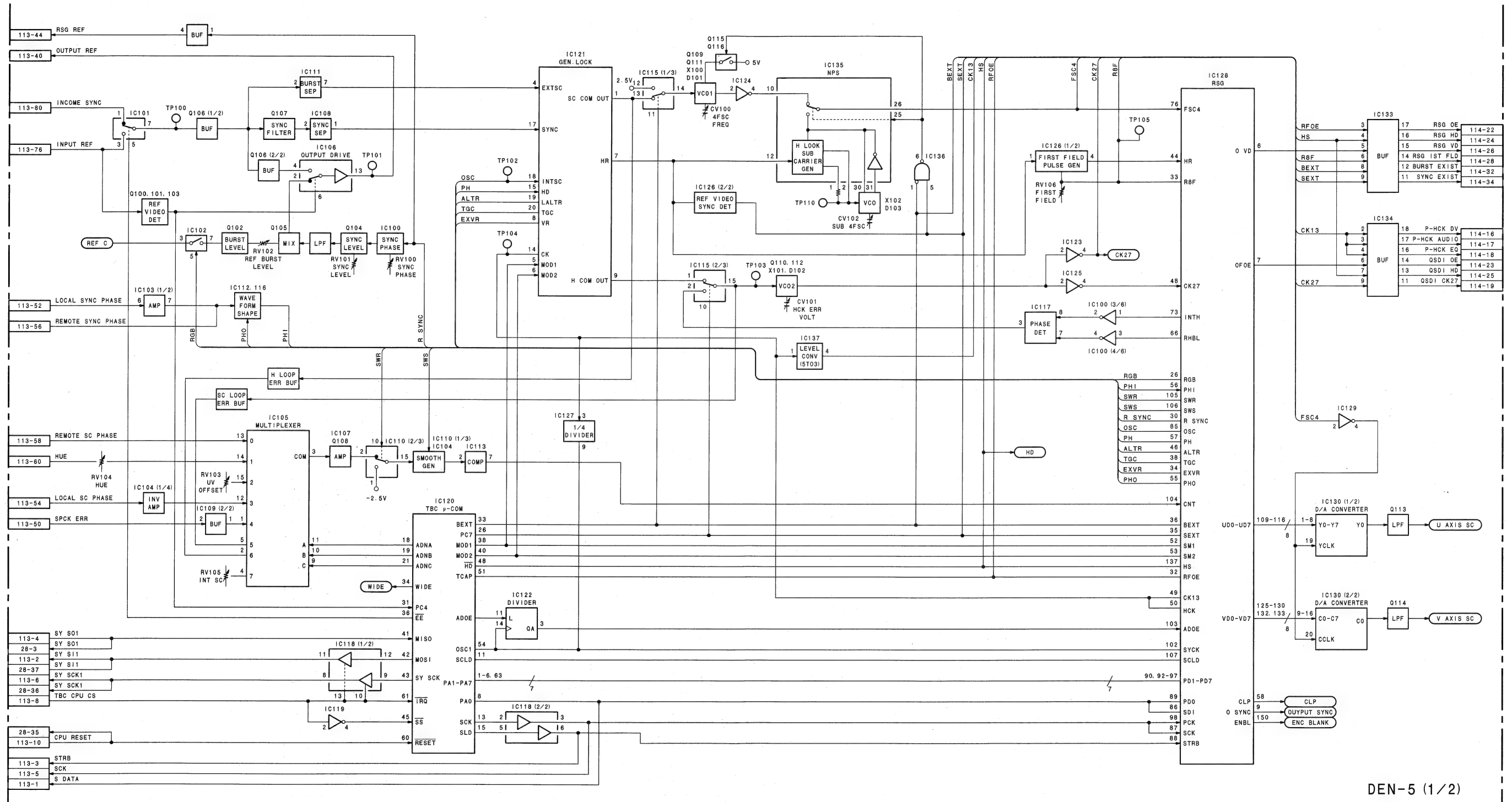








DEN-5/5P (1/2) : VIDEO OUTPUT PROCESS

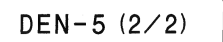


DEN-5 (1/2)

DEN-5/5P (1/2)  
MODEL DSR-85/85P

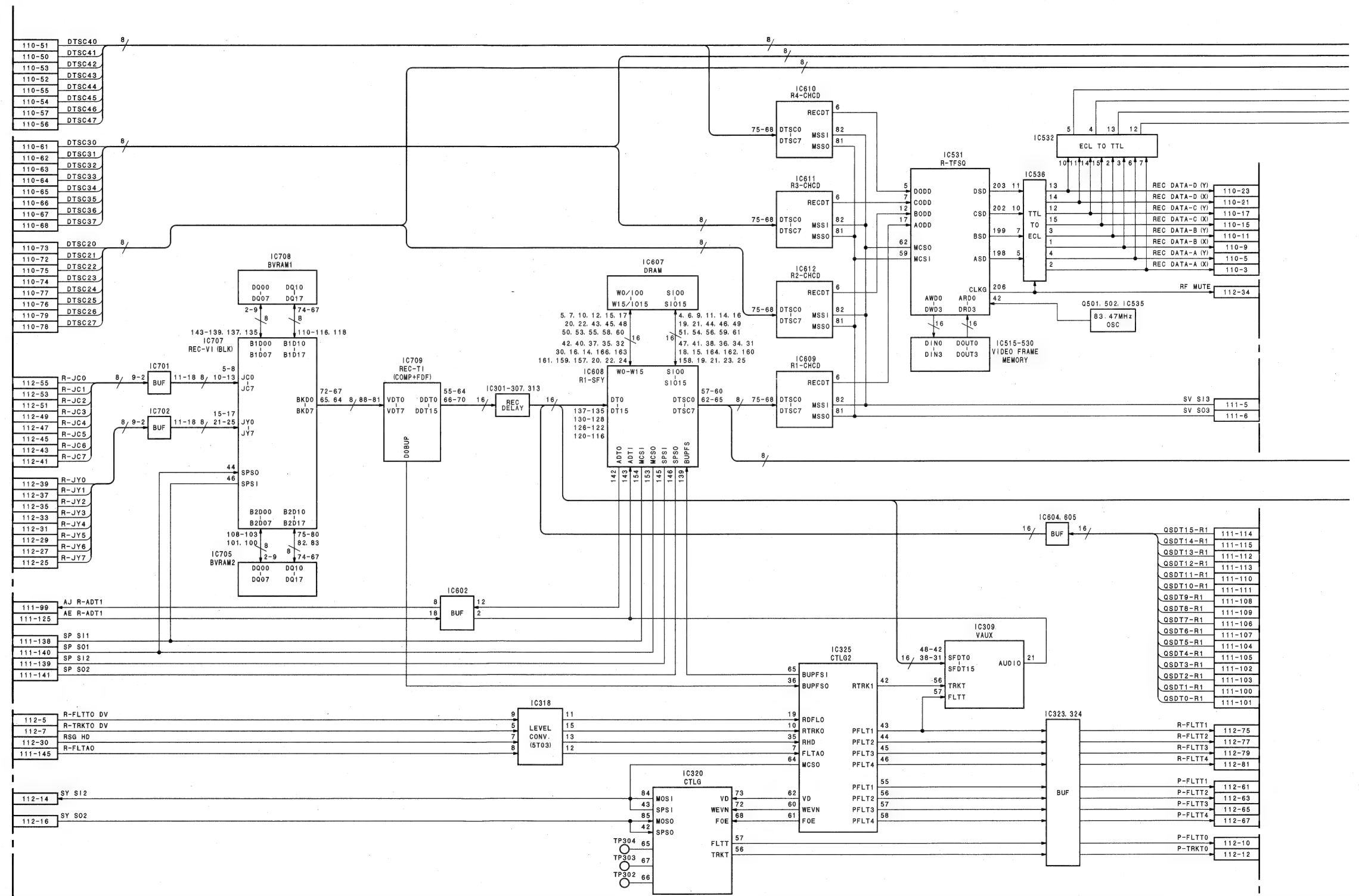


## DEN-5/5P (2/2) : VIDEO OUTPUT PROCESS

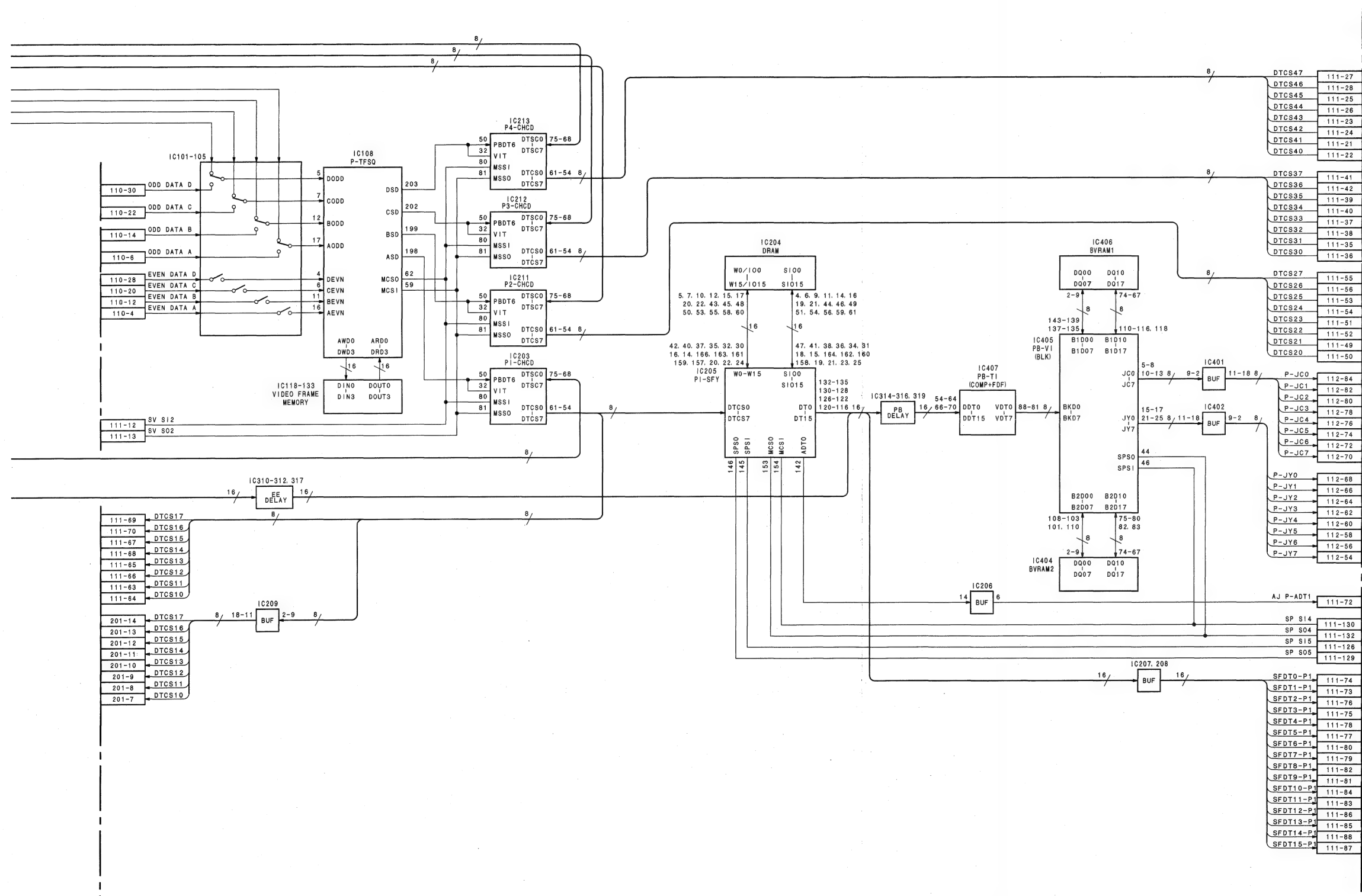




DV-16 : DIGITAL PROCESS

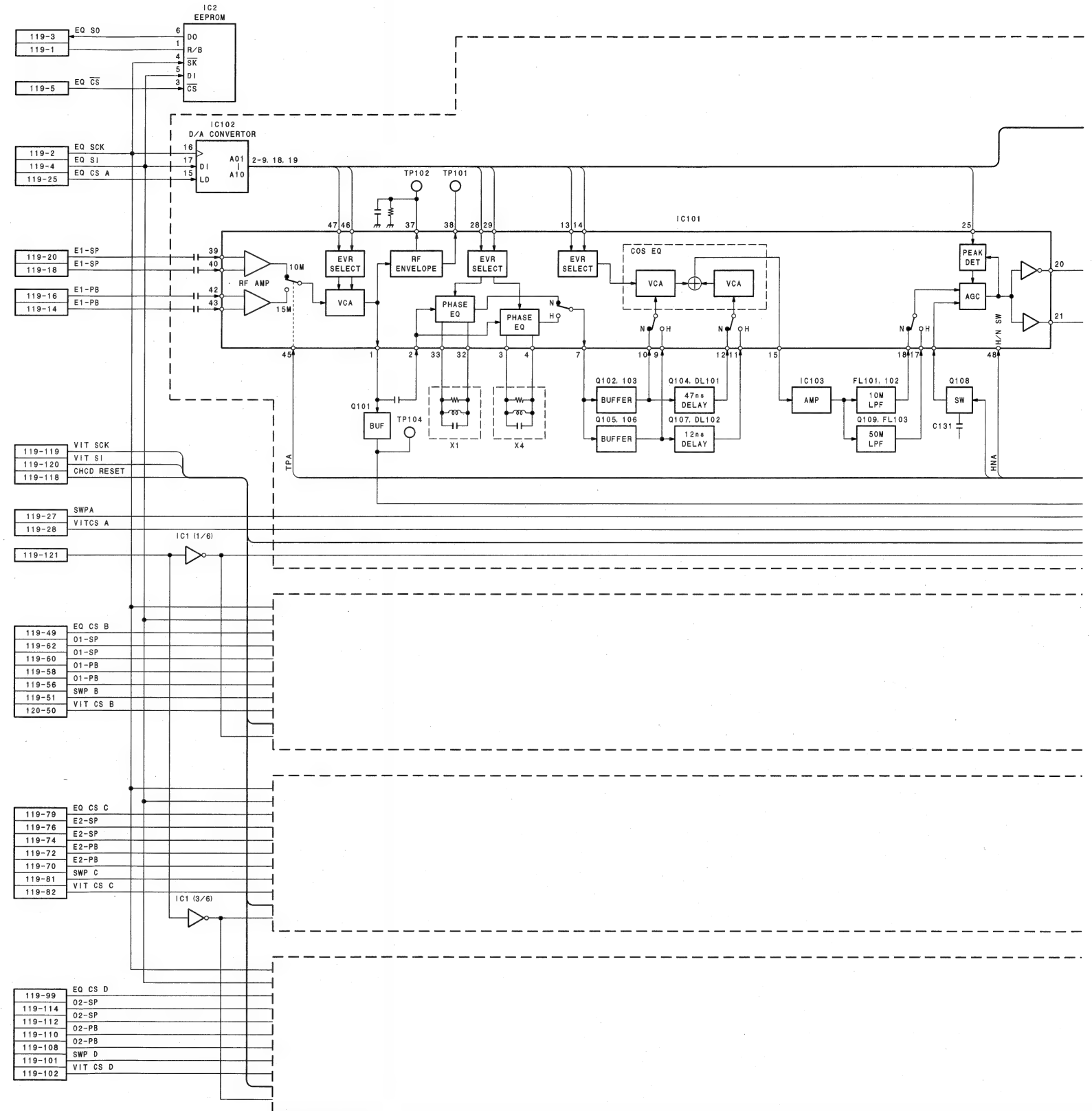








EQ-57 : RF DATA PROCESS

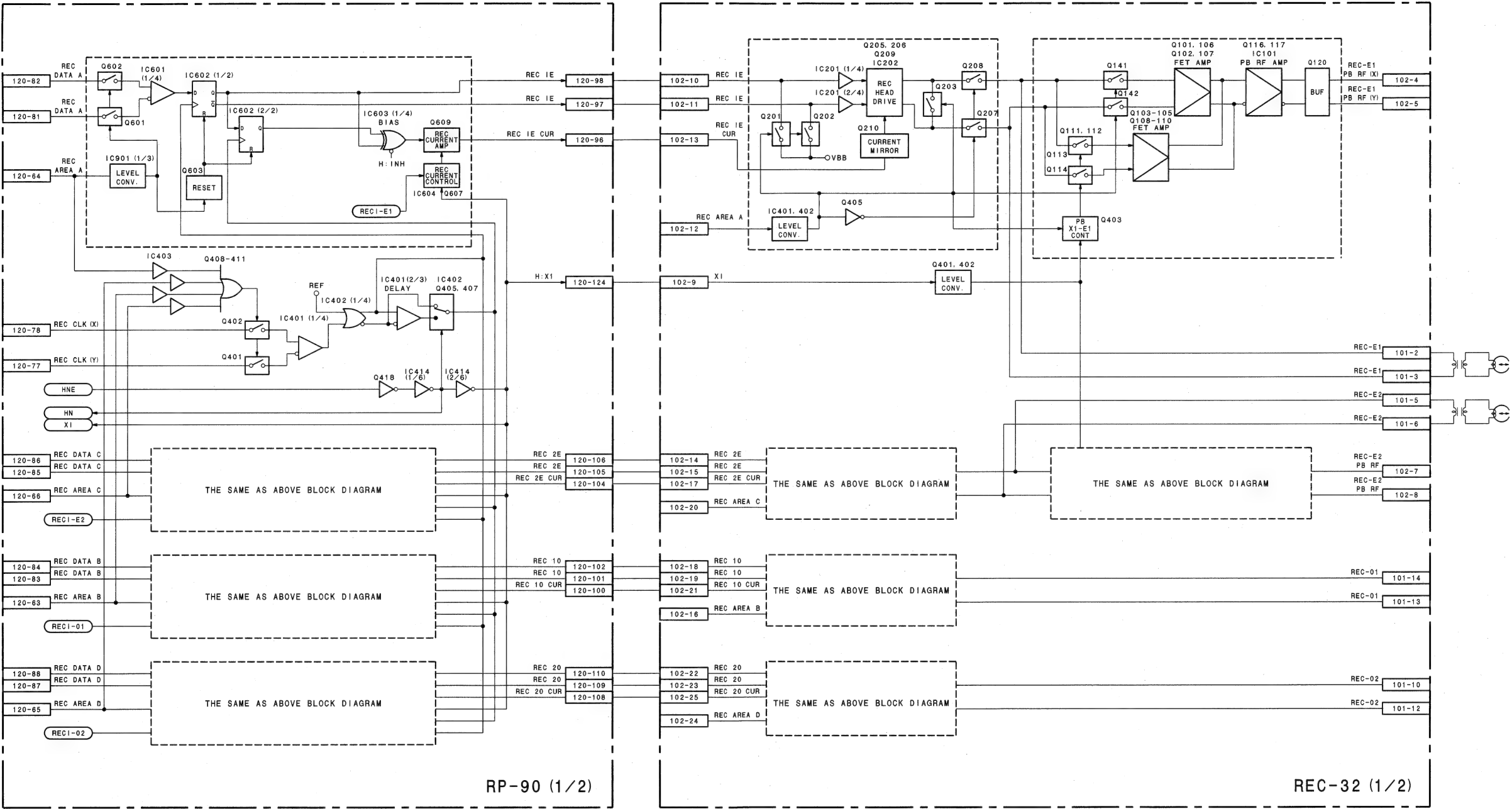






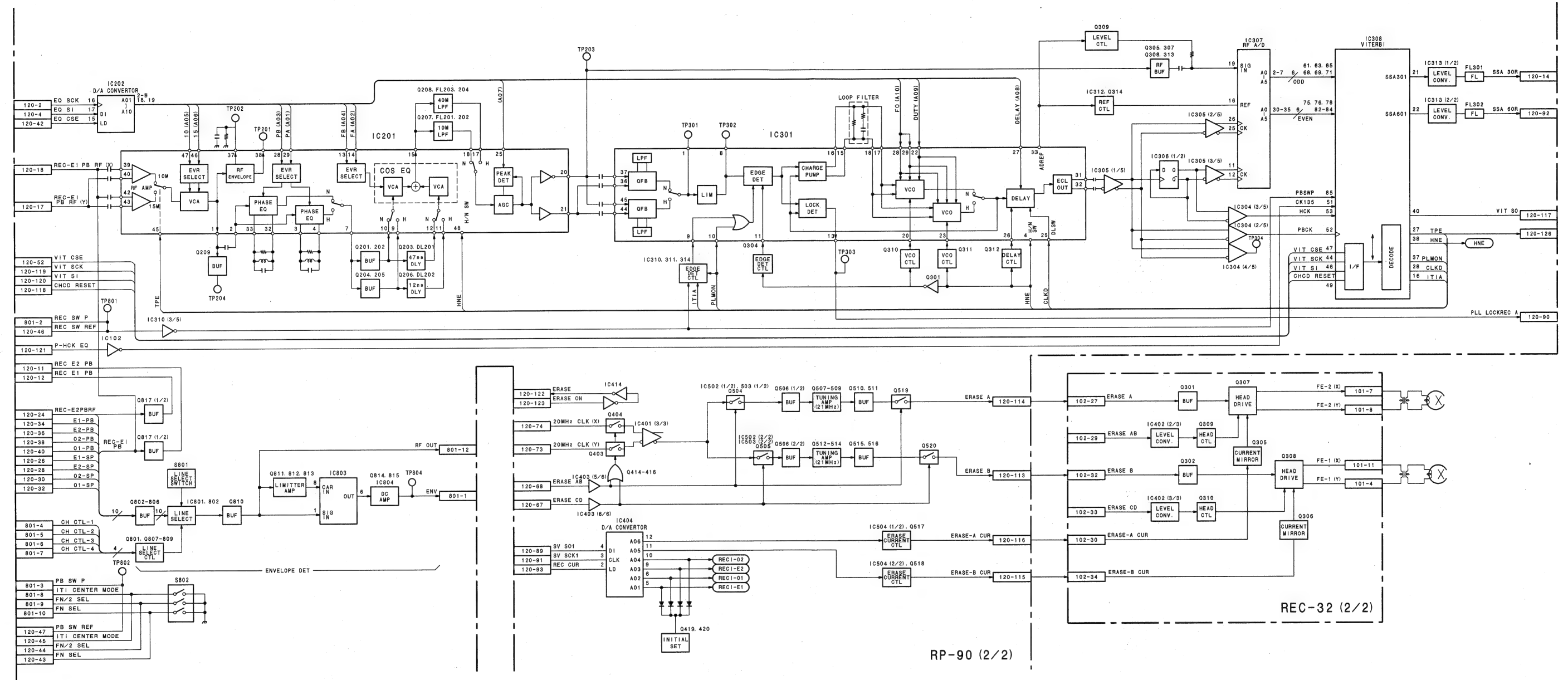


RP/REC (1/2) : RF REC/PB PROCESS





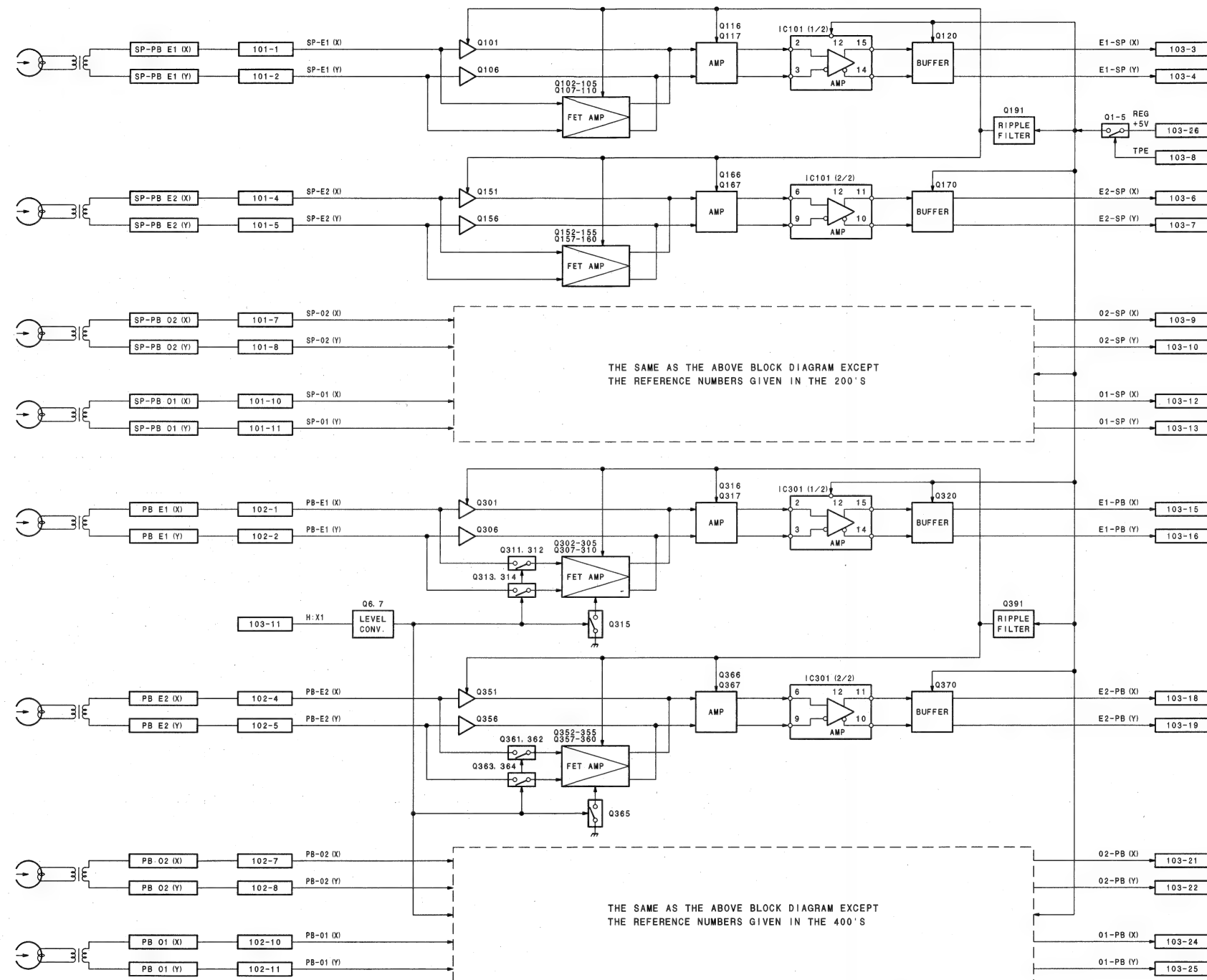
**RP/REC (2/2) : RF REC/PB PROCESS**



**RP/REC (2/2)**  
MODEL DSR-85/85P

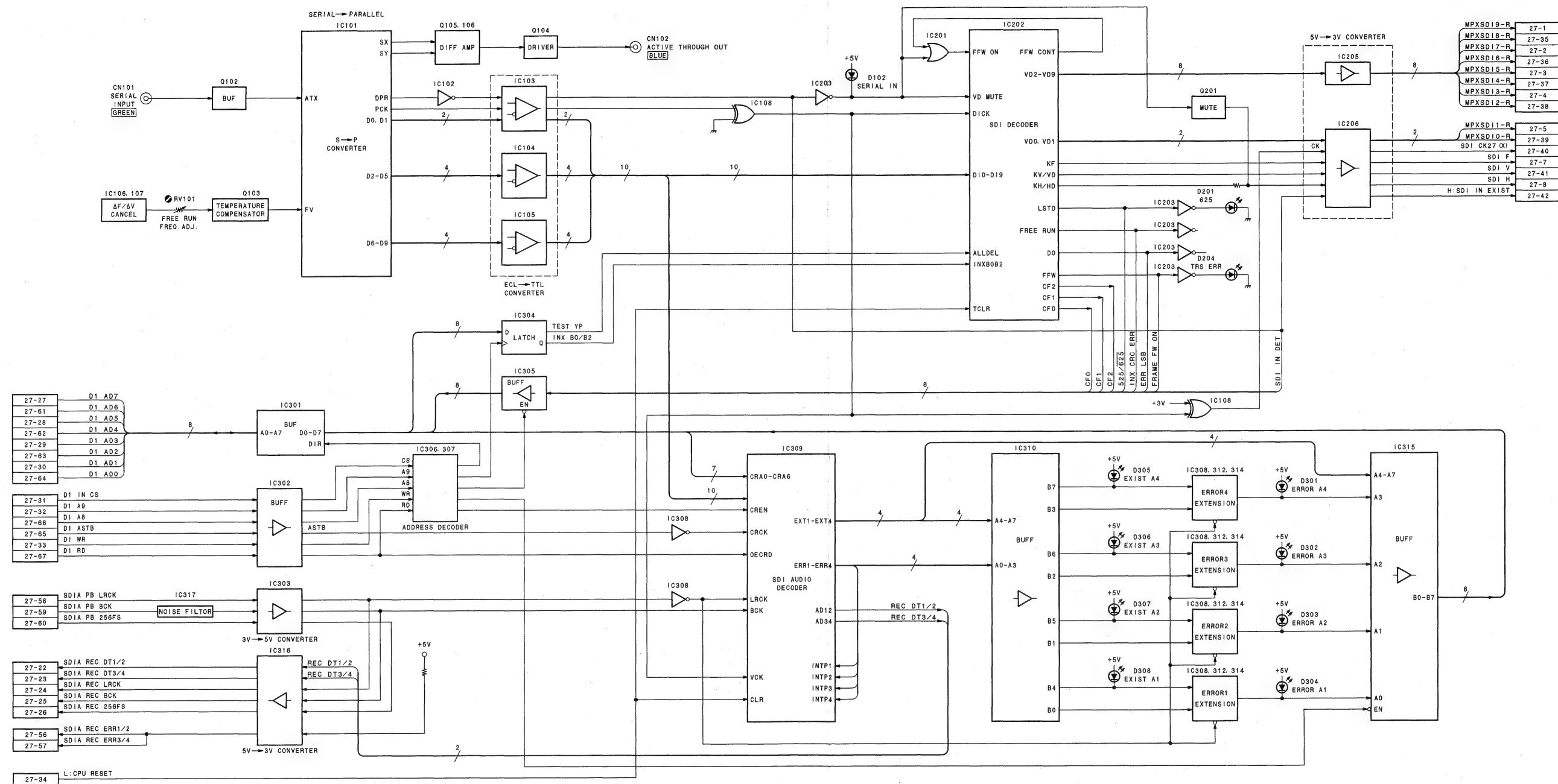


PRE-32 : PB HEAD AMP





SDI-27 : SDI INPUT

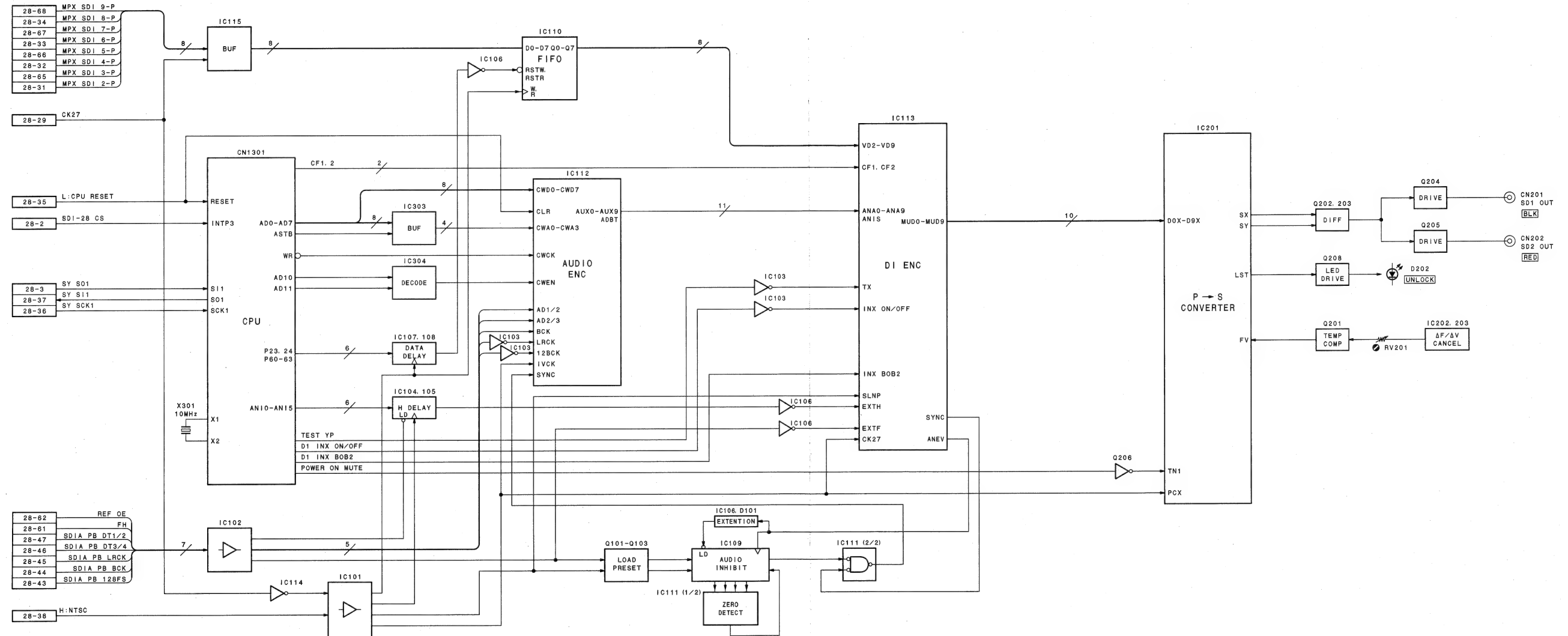






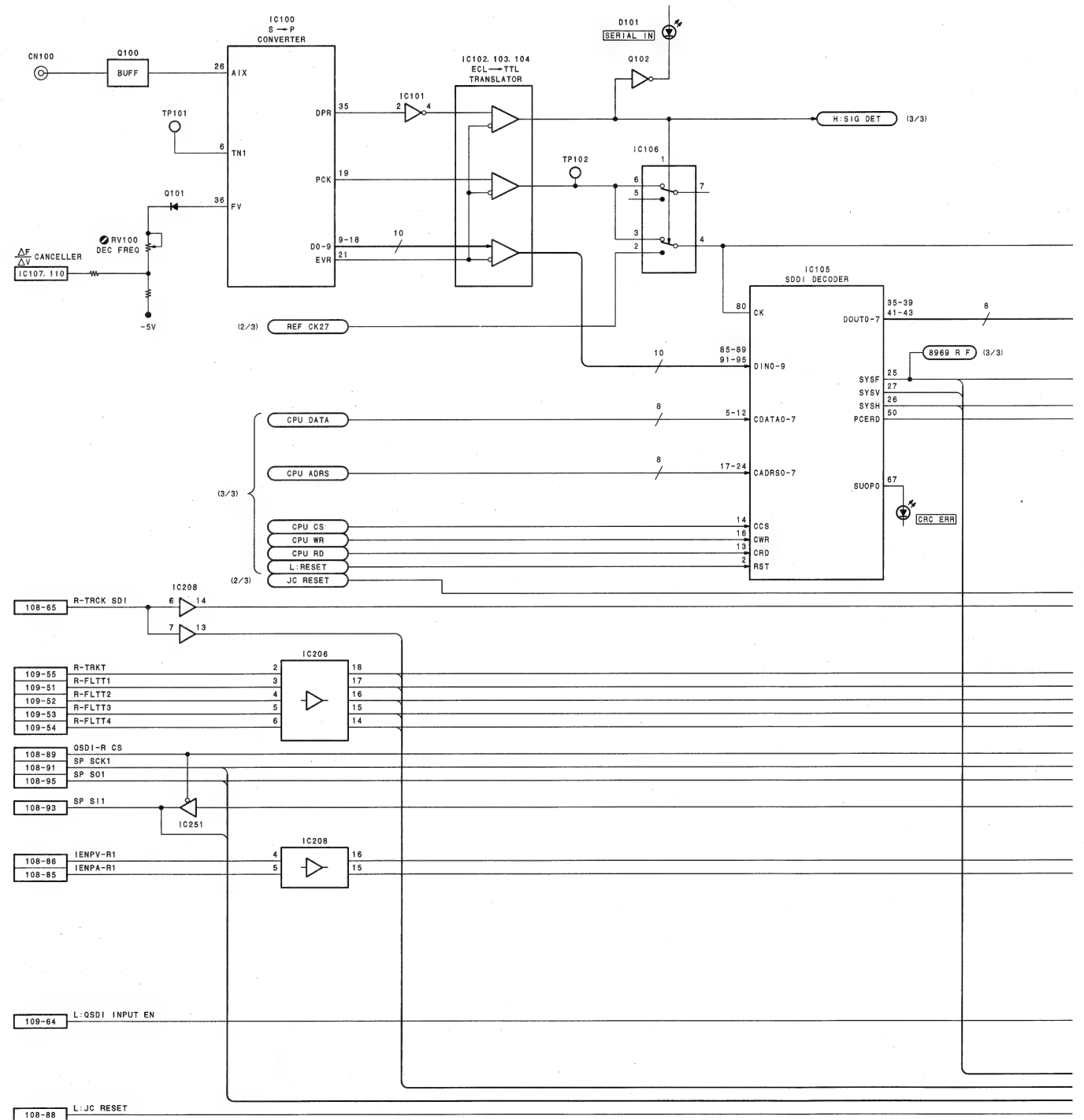


SDI-28 : SDI OUTPUT

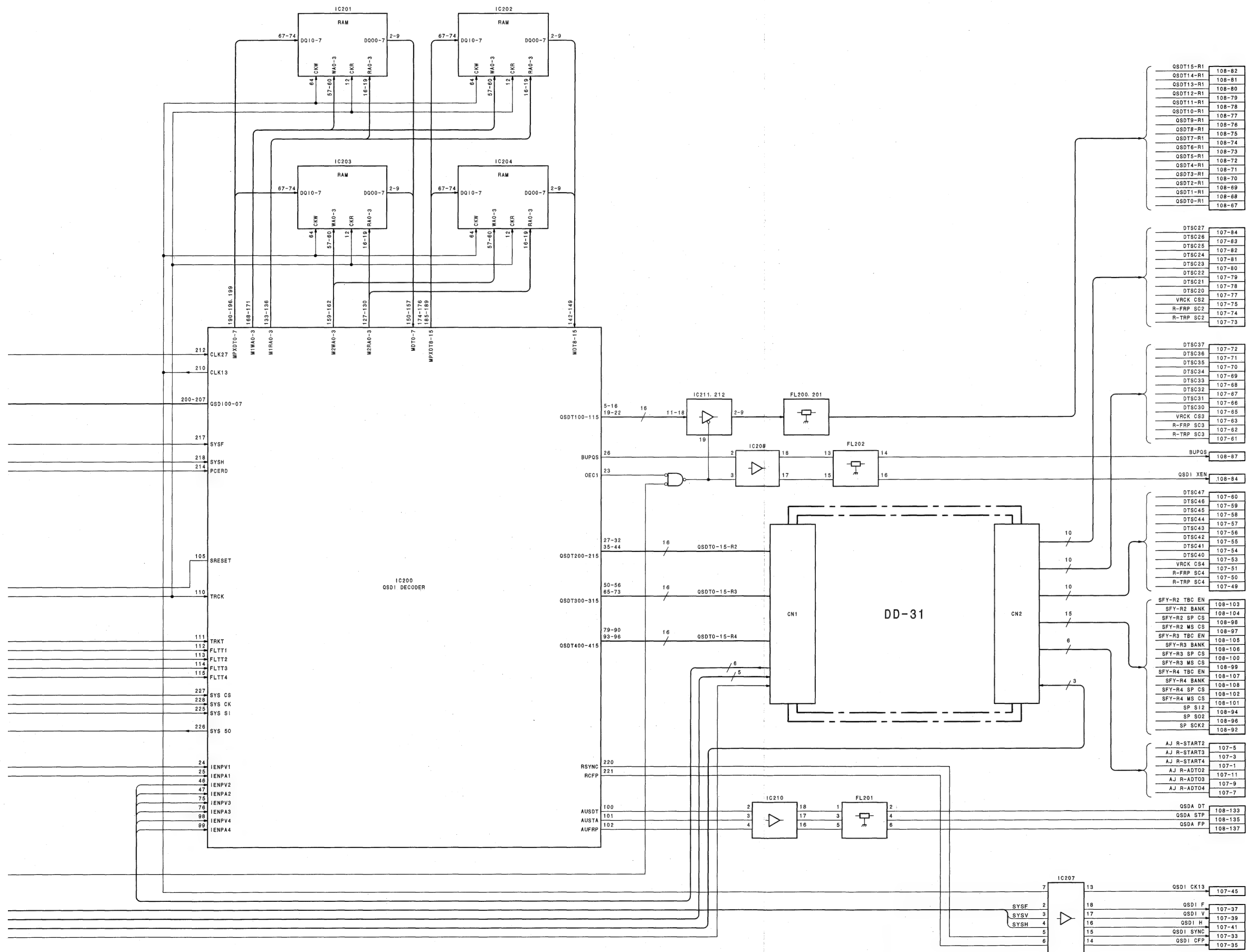




## SDI-8 (1/3) : QSDI INTERFACE

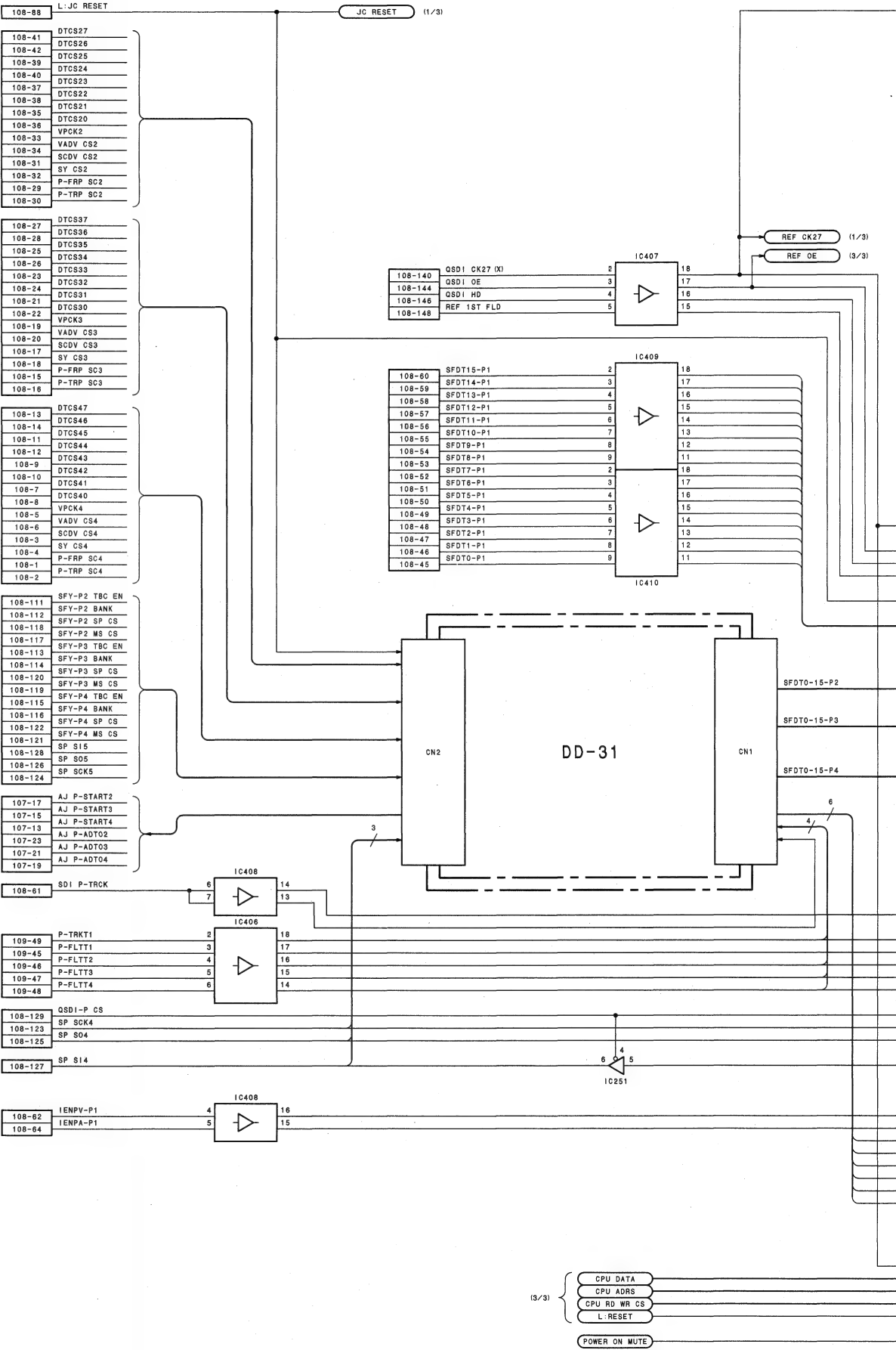




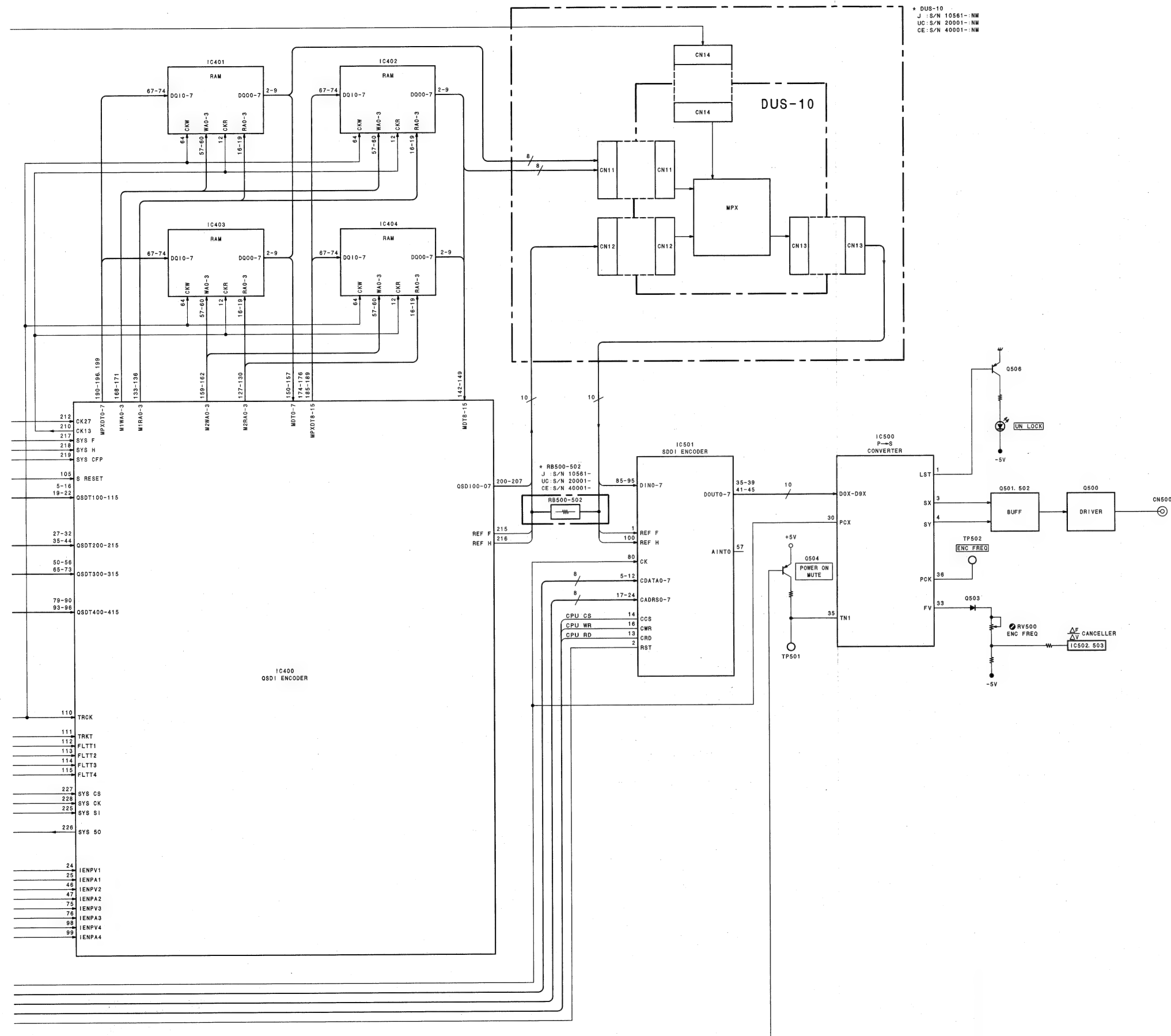




SDI-8 (2/3) : QSDI INTERFACE

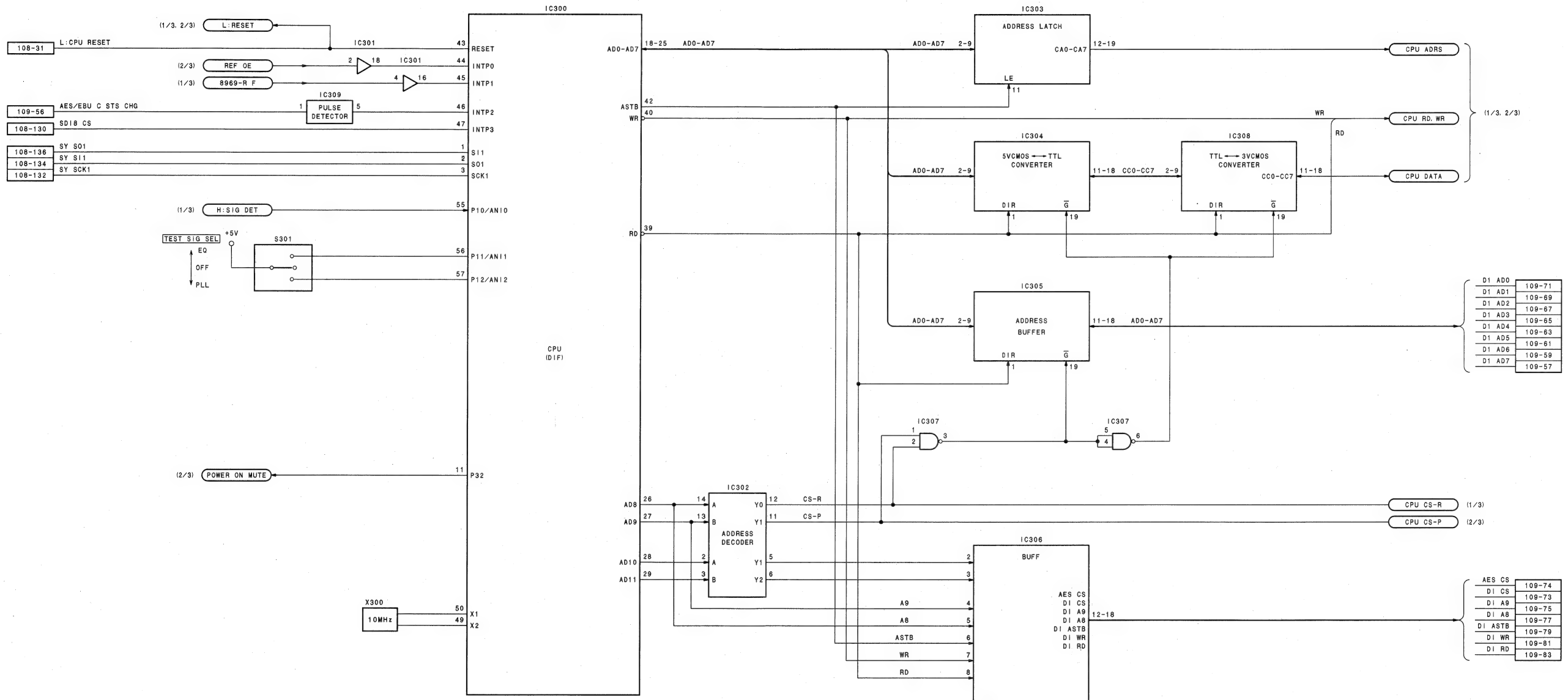






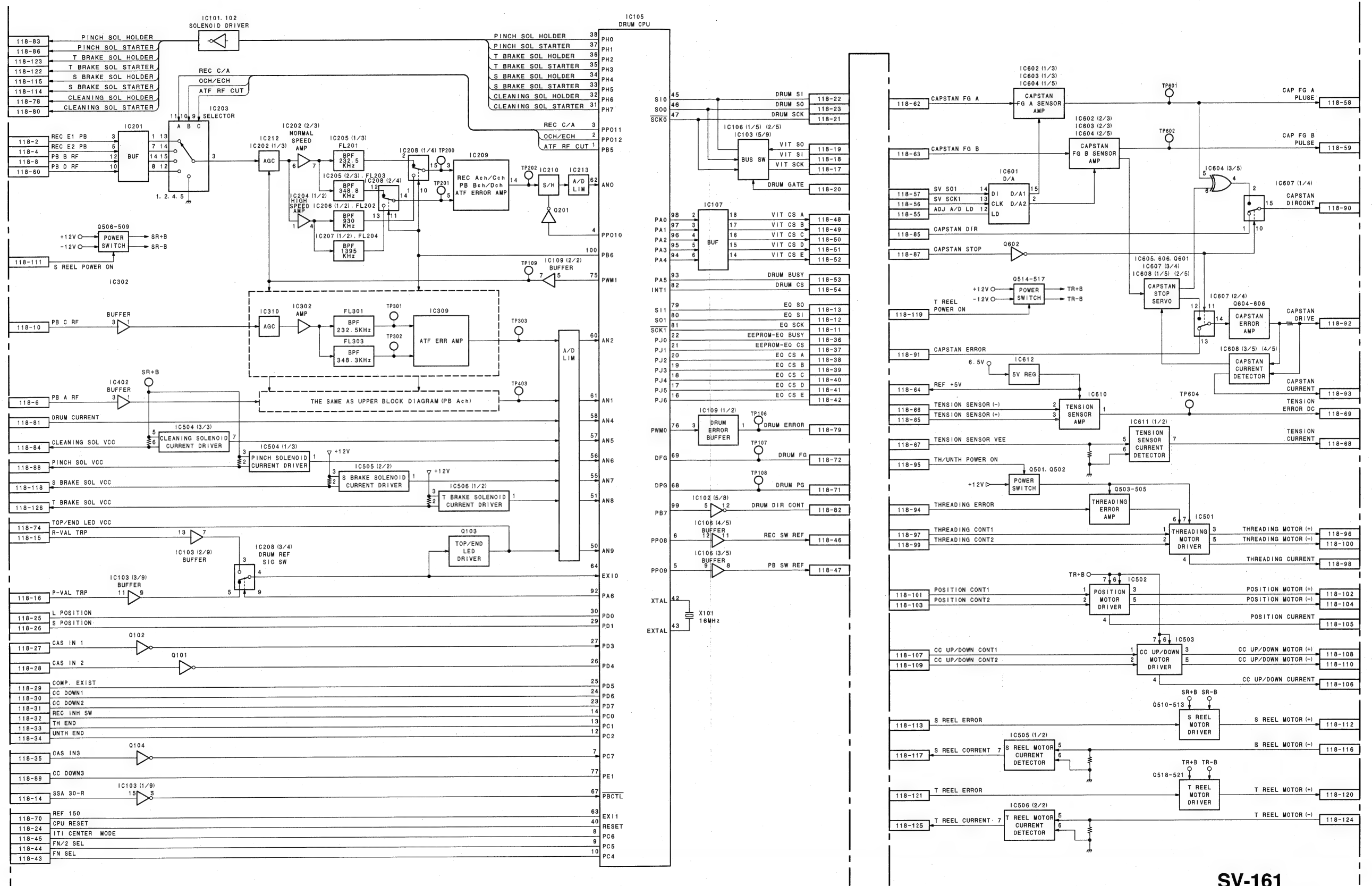


### SDI-8 (3/3) : QSDI INTERFACE





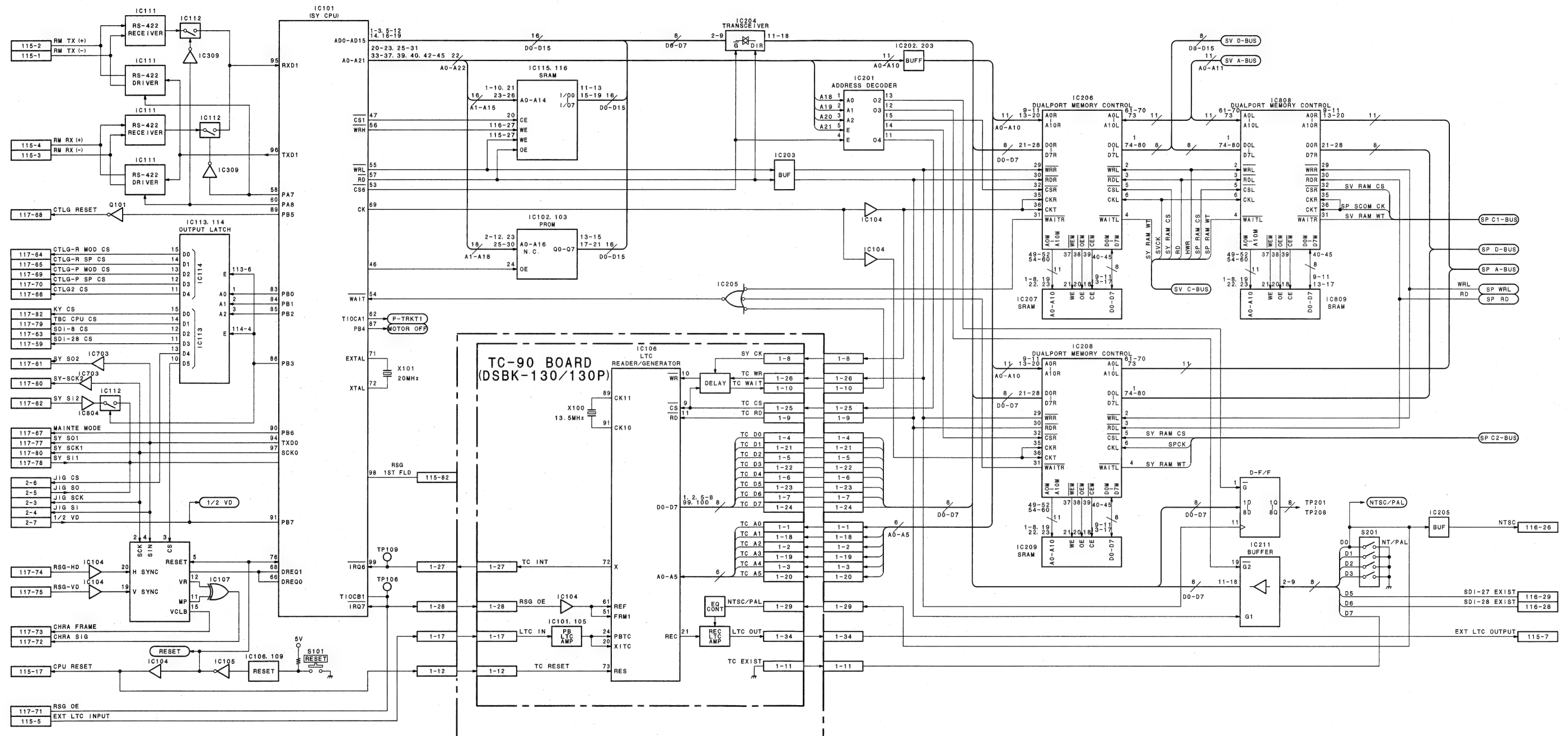
## SV-161 : SERVO SYSTEM



**SV-161**  
MODEL DSR-85/85P

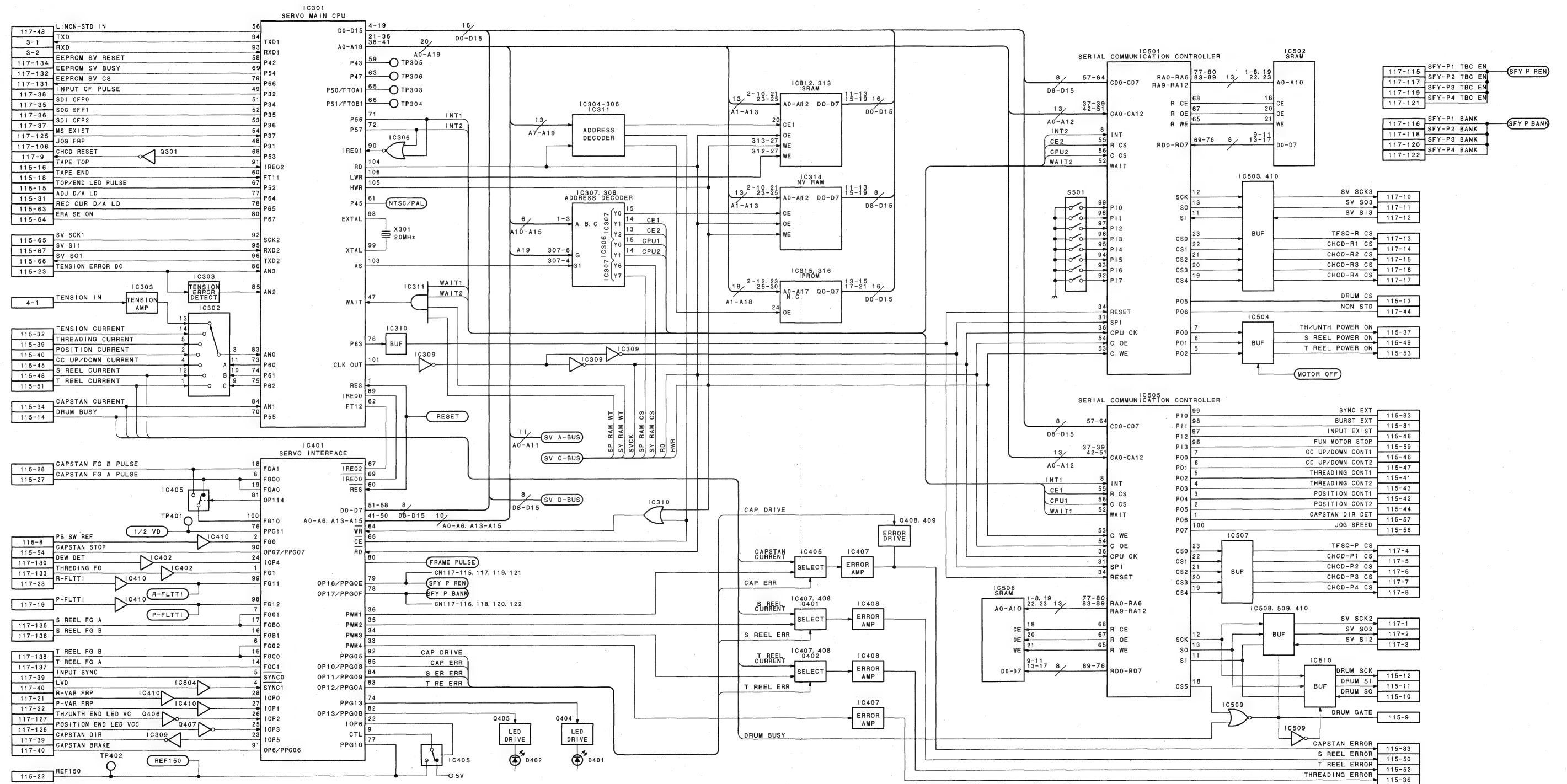


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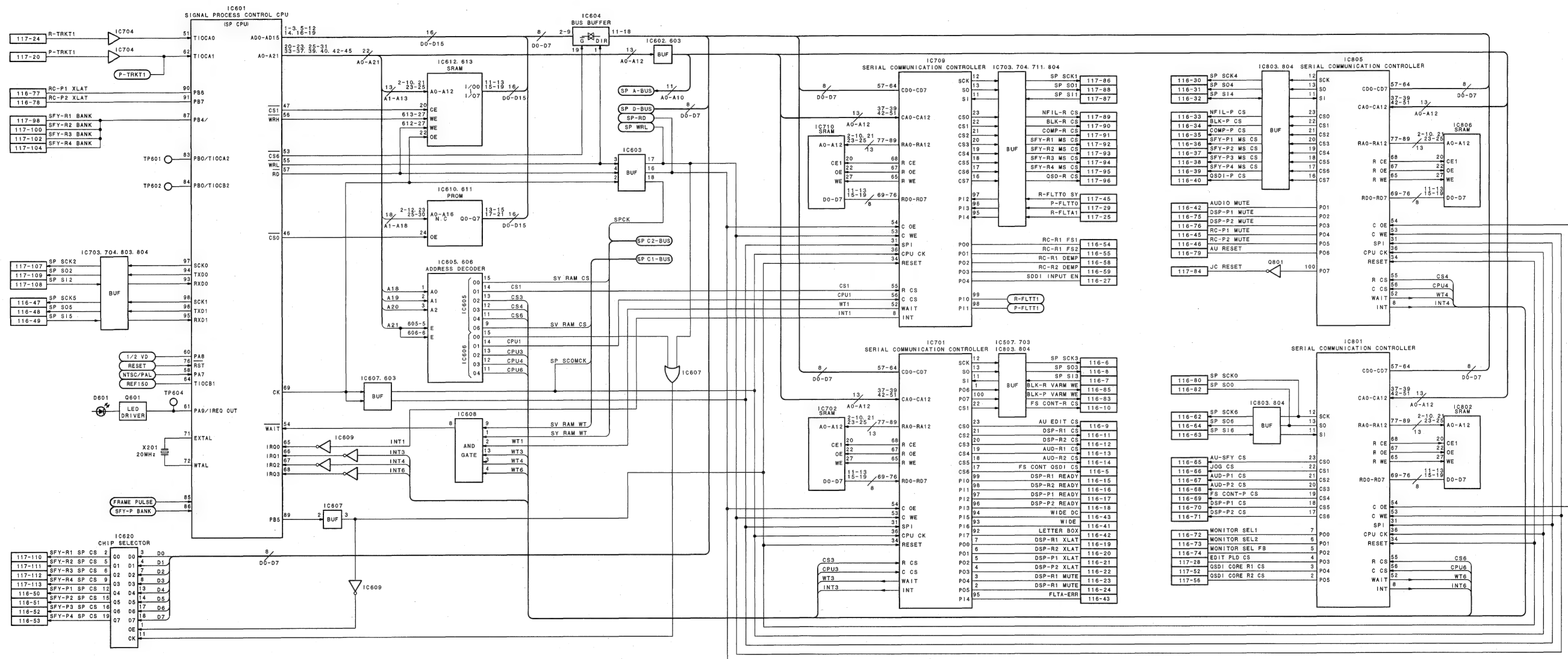


## SY-220 (2/3) : SYSTEM CONTROL

SY-220 (2/3)  
MODEL DSR-85/85P



## SY-220 (3/3) : SYSTEM CONTROL



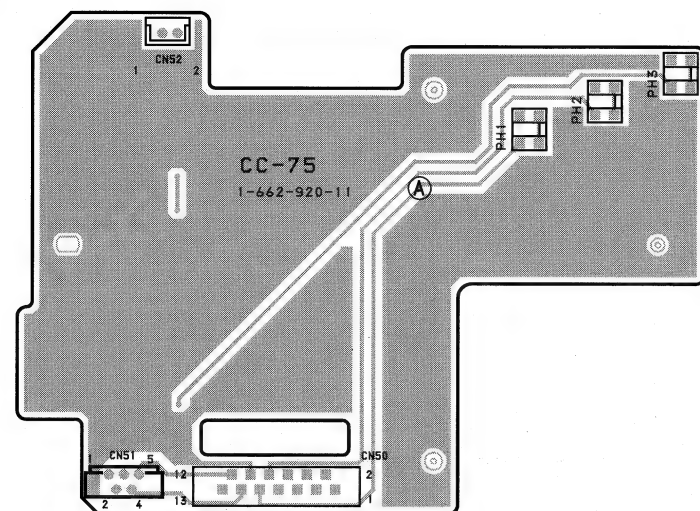


## SECTION 10 BOARD LAYOUTS

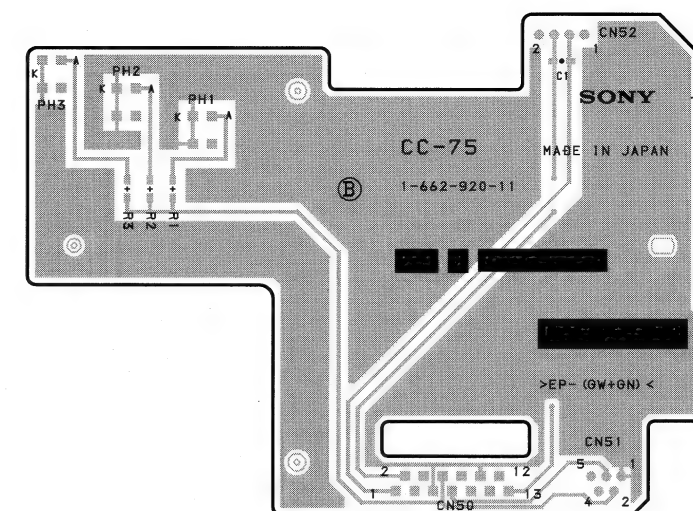
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CC-75 : CC DOWN SENSOR  
CC-76 : CAS IN SENSOR



**CC-75 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

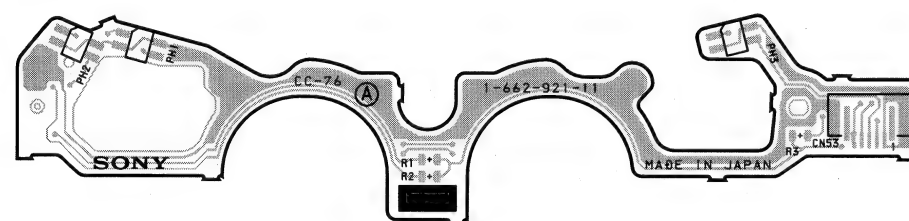


**CC-75 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

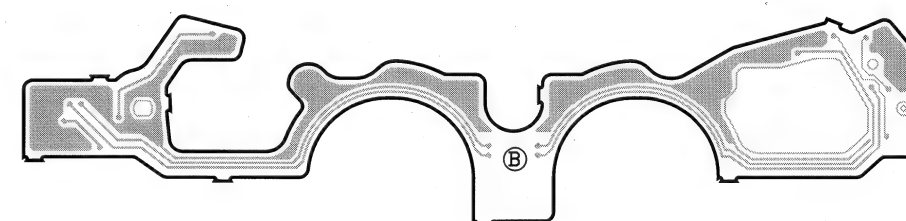
CC-75 (1-662-920-11)

\*: B SIDE

CN50	A1
CN51	A1
CN52	A1
PH1	A1
PH2	A1
PH3	A1



**CC-76 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P



**CC-76 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

CC-76 (1-662-921-11)

\*: B SIDE

CN53	A1
PH1	A1
PH2	A1
PH3	A1



CP-276 : VIDEO/TC CONNECTOR

CP-276 (1-662-888-12)

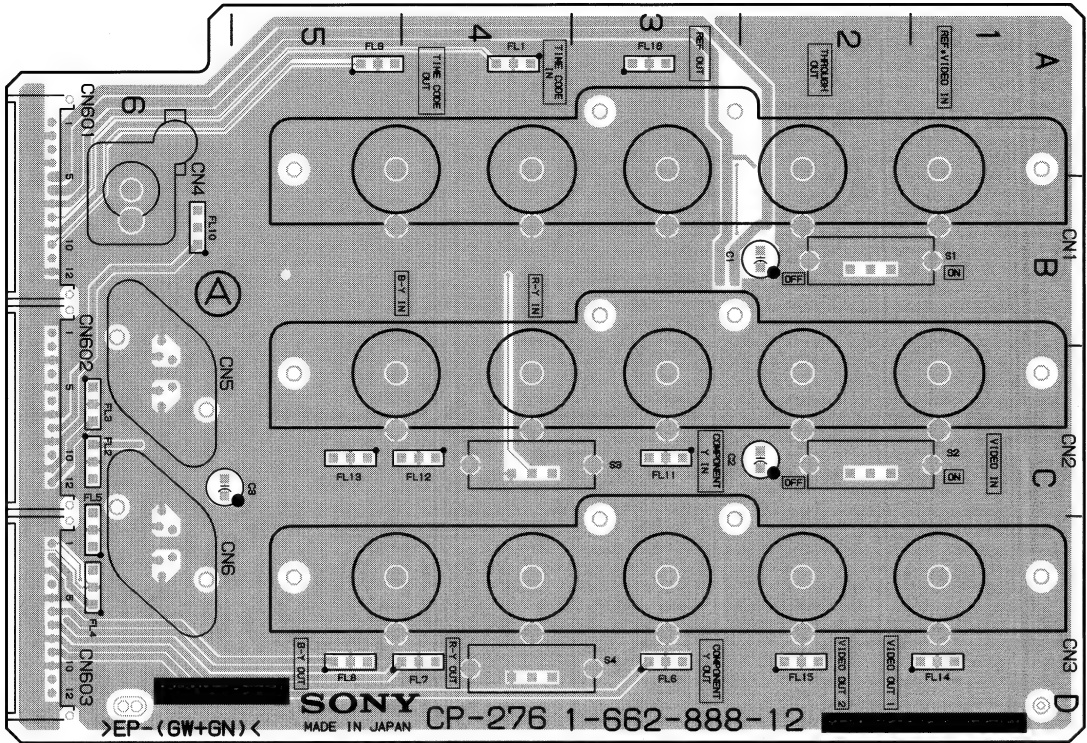
\*: B SIDE

CN1 A5  
CN2 C5  
CN3 D5  
CN4 B6  
CN5 C6  
CN6 D6  
CN601 A6  
CN602 B6  
CN603 D6

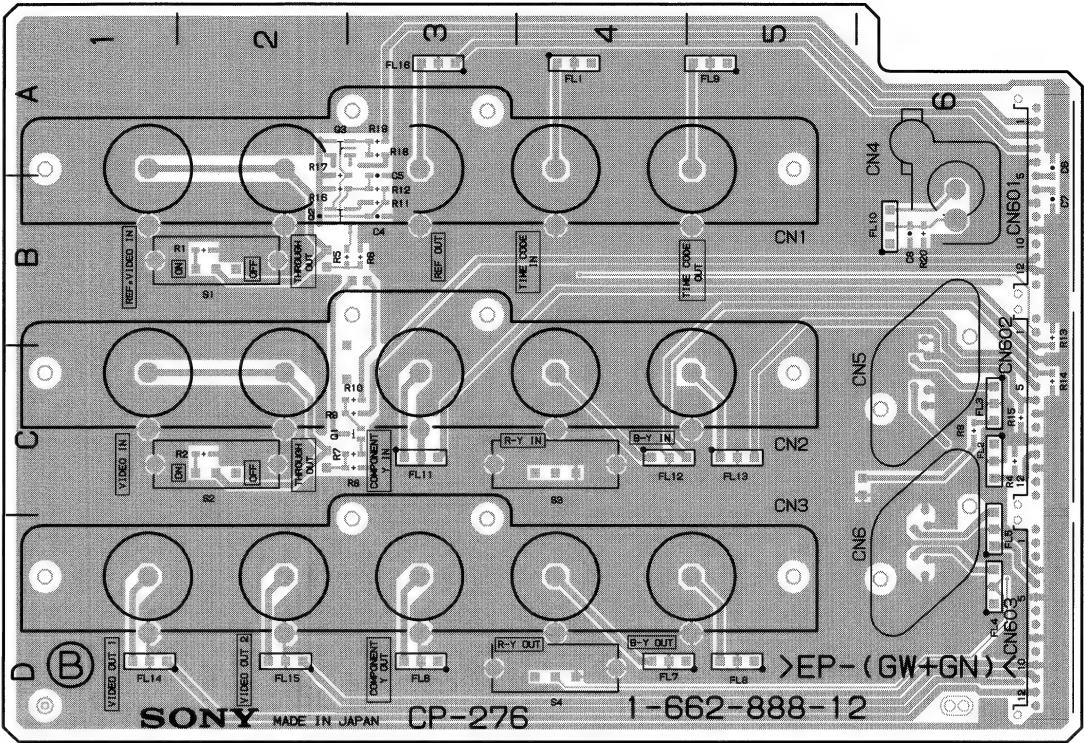
FL1 A4  
FL2 C6  
FL3 C6  
FL4 D6  
FL5 D6  
FL6 D3  
FL7 D4  
FL8 D5  
FL9 A5  
FL10 B6  
FL11 C3  
FL12 C4  
FL13 C5  
FL14 D1  
FL15 D2  
FL16 A3

Q1 \* C3  
Q2 \* B2  
Q3 \* A2

S1 B2  
S2 C2



CP-276 -A SIDE-  
SUFFIX : -12  
MODEL DSR-85/85P



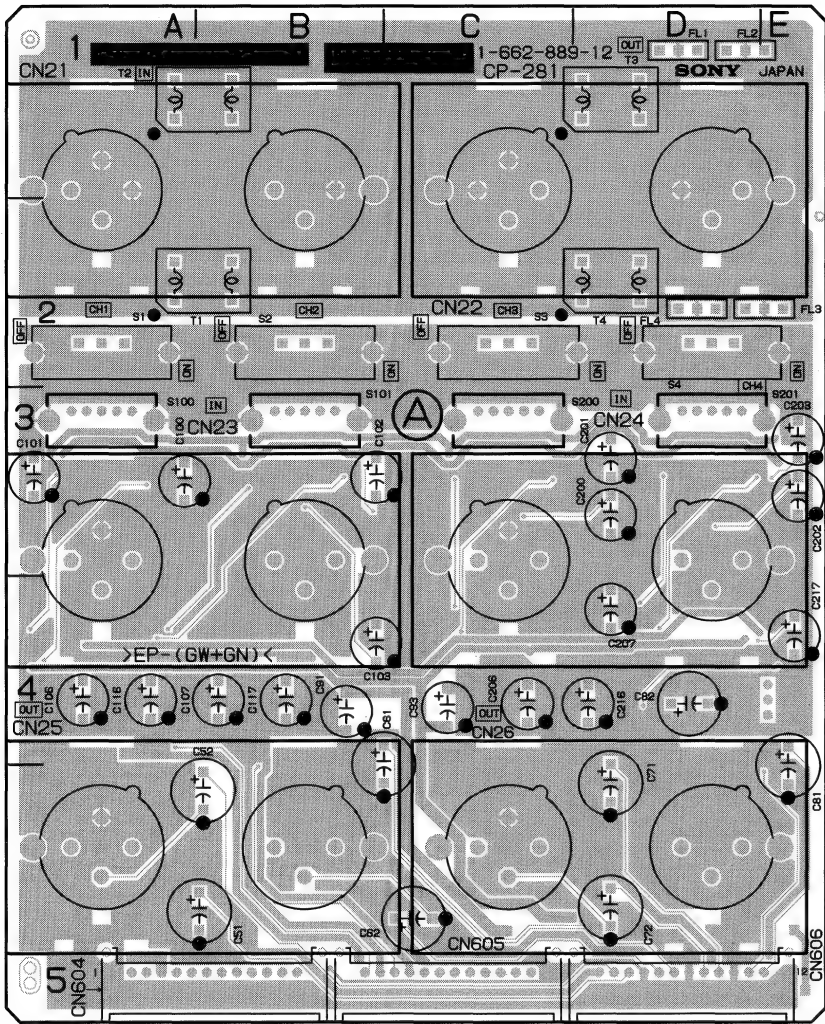
CP-276 -B SIDE-  
SUFFIX : -12  
MODEL DSR-85/85P



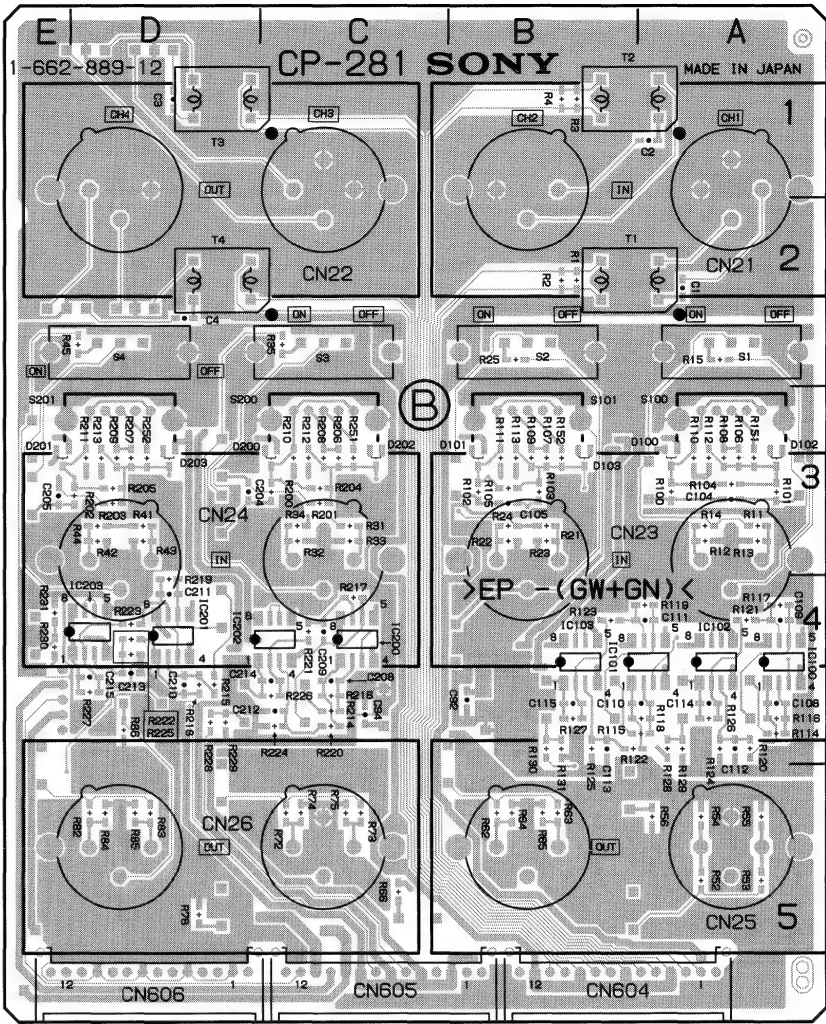




CP-281/281J : AUDIO IN/OUT CONNECTOR



CP-281/281J -A SIDE-  
SUFFIX : -12  
MODEL DSR-85/85P



CP-281/281J -B SIDE-  
SUFFIX : -12  
MODEL DSR-85/85P

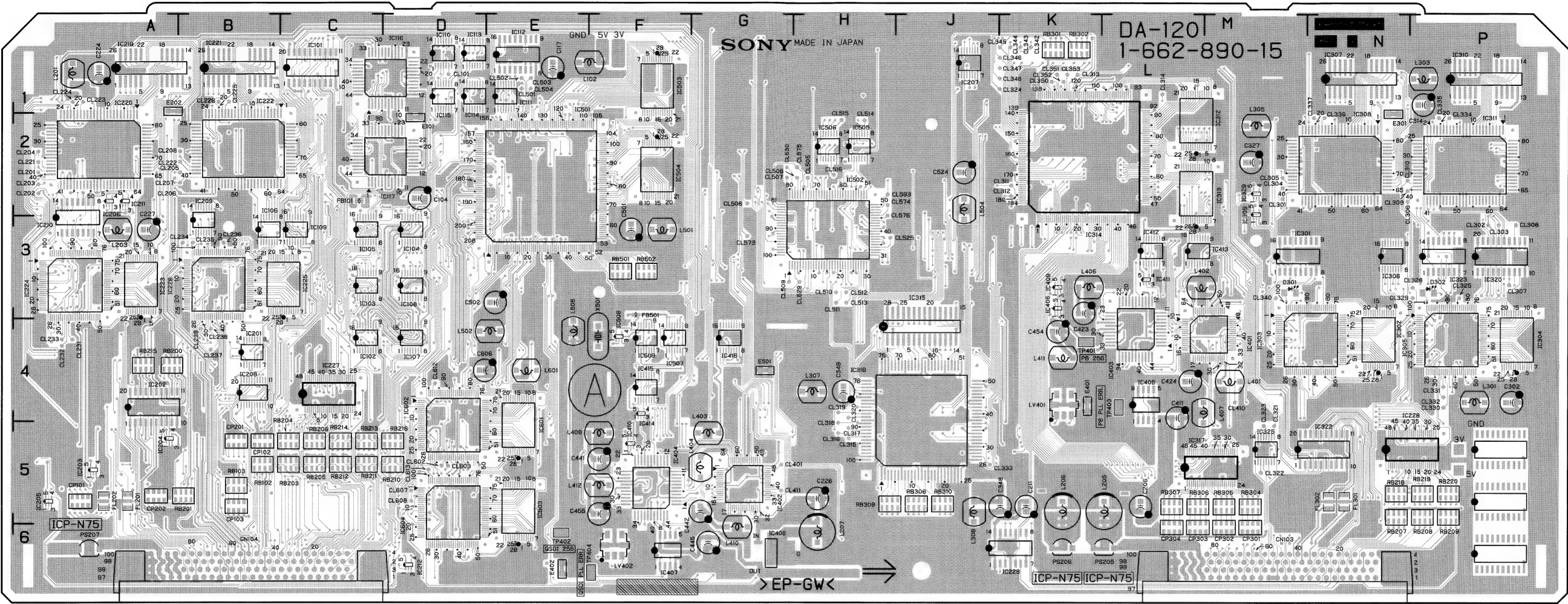
CP-281/281J (1-662-889-12)

\*: B SIDE

CN21	A1	IC200	* C4
CN22	C1	IC201	* D4
CN23	A3	IC202	* C4
CN24	C3	IC203	* D4
CN25	A5		
CN26	C5	S1	A2
CN604	A5	S2	B2
CN605	B5	S3	C2
CN606	D5	S4	D2
CN609	E4	S100	A3
		S101	B3
D100	* A3	S200	C3
D101	* B3	S201	D3
D102	* A3		
D103	* B3	T1	A2
D200	* C3	T2	A1
D201	* E3	T3	D1
D202	* C3	T4	D2
D203	* D3		
IC100	* A4		
IC101	* A4		
IC102	* A4		
IC103	* B4		



DA-120 : DIGITAL AUDIO PROCESS



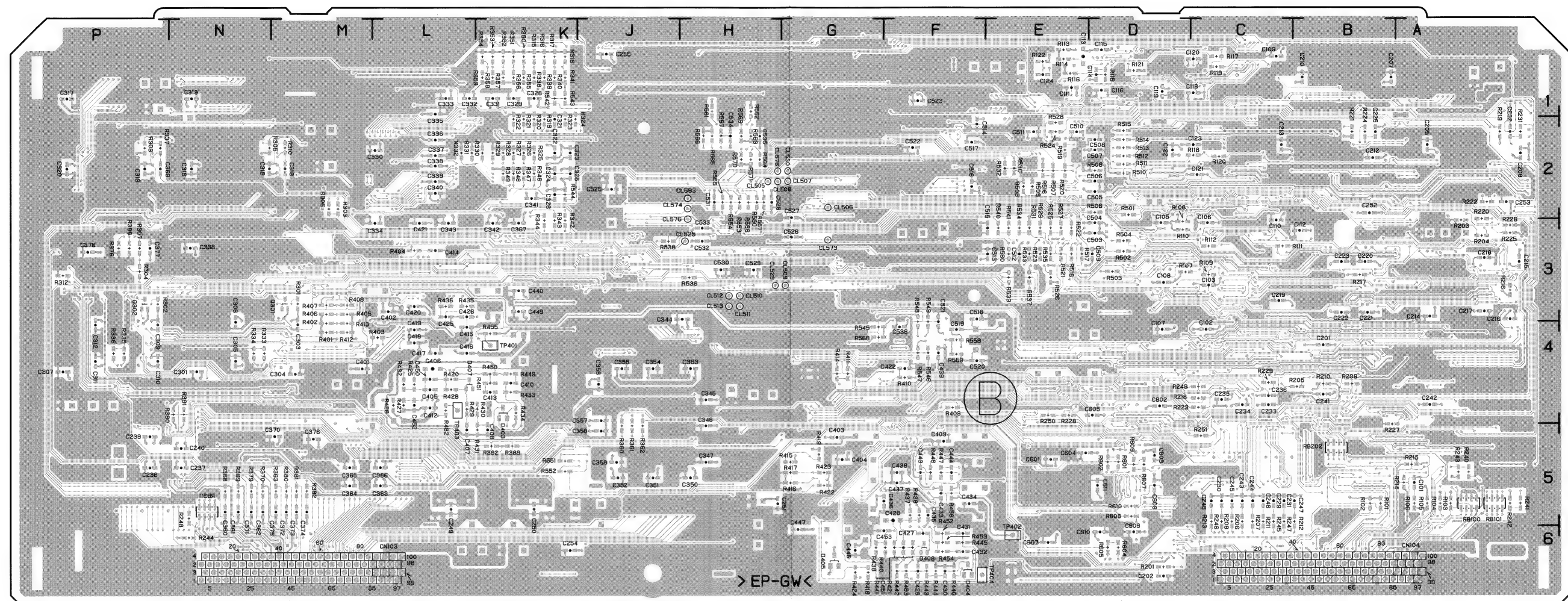
DA-120 -A SIDE-  
SUFFIX : -15  
MODEL DSR-85/85P

DA-120 (1-662-890-15)

\*: B SIDE

CN103	N6	FL201	A5	IC204	A5	IC306	N3	IC409	K3	L201	A1	PS205	K6	RB302	K1
CN104	C6	FL202	A5	IC205	A5	IC307	N1	IC410	F5	L203	A3	PS206	K6	RB304	M5
		FL301	N5	IC206	A2	IC308	N2	IC411	L3	L205	L5	PS207	A6	RB305	M5
CP201	B5	FL302	N5	IC207	J1	IC309	M2	IC412	L3	L206	K5			RB306	L5
CP202	A5			IC208	B4	IC310	P1	IC413	L3	L207	H5	RB100	*A5	RB307	L5
CP301	M6			IC209	B3	IC311	P2	IC414	F4	L301	P4	RB200	A4	RB308	J5
CP302	M6			IC210	A3	IC312	L2	IC415	F4	L303	P1	RB201	B5	RB309	H5
CP303	L6			IC211	A2	IC313	L2	IC416	G4	L305	M2	RB202	*B5	RB310	J5
CP304	L6			IC212	D6	IC314	K2	IC501	E2	L306	J5	RB203	C5	RB311	*N5
				IC219	A1	IC315	J4	IC502	H3	L307	H4	RB204	C5	RB501	F3
D403	*K4			IC220	A2	IC316	J4	IC503	F1	L401	M4	RB205	C5	RB502	F3
D404	*F6			IC221	B1	IC317	M5	IC504	F2	L402	M3	RB206	C5		
D405	*G6			IC222	B2	IC320	P3	IC505	H2	L403	G5	RB207	N5	TP401	K4
D407	*L4			IC223	A3	IC322	N5	IC507	F4	L404	G5	RB208	P5	TP402	E6
D408	*F6			IC224	A3	IC323	P3	IC508	F4	L406	K3	RB209	P5	TP403	L4
				IC225	C3	IC325	M5	IC509	F4	L407	M4	RB210	D5	TP404	F6
E101	D2			IC226	B3	IC329	M2	IC601	E5	L409	F5	RB211	C5		
E202	A1			IC227	C4	IC401	M4	IC602	D5	L410	G6	RB212	C5	X501	F4
E301	N2			IC228	P5	IC402	G5	IC603	E5	L411	K4	RB213	C5		
E401	K4			IC229	K6	IC403	L4	IC604	D5	L412	F5	RB214	C5		
E402	E6			IC301	M3	IC404	F5			L501	F3	RB215	A4		
E501	G4			IC302	N4	IC405	L4	LV401	K4	L502	D4	RB218	N5		
FB101	C2			IC303	N4	IC406	K3	LV402	F6	L504	J3	RB219	P5		
FB501	F3			IC304	P4	IC407	F6			L505	E4	RB220	P5		
				IC305	P4	IC408	G6	L102	E1	L601	E4	RB301	K1		





**DA-120 -B SIDE-**  
SUFFIX : -15  
MODEL DSR-85/85P



### DD-31 : x4 DATA PROCESS

DD-31 (1-662-891-12)

\* : B SIDE

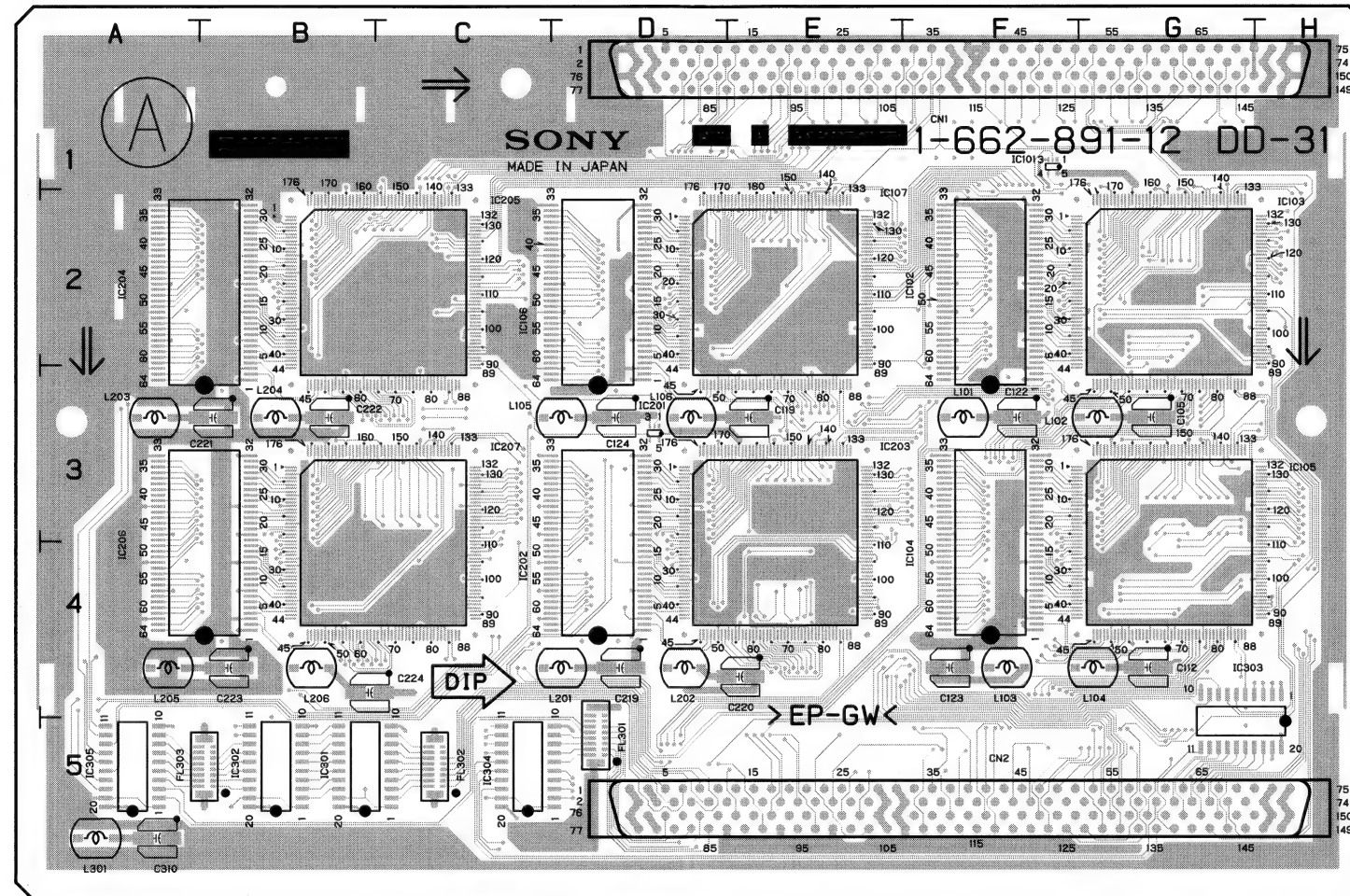
CN1	D1
CN2	D5

FL301	D5
FL302	C5
FL303	B5

IC101	F1
IC102	F2
IC103	G2
IC104	F4
IC105	G4
IC106	D2
IC107	E2
IC201	D3
IC202	D4
IC203	E4
IC204	B2
IC205	C2
IC206	B4
IC207	C4
IC301	B5
IC302	B5
IC303	G5
IC304	C5
IC305	A5

L101	F3
L102	G3
L103	F4
L104	F4
L105	C3
L106	D3
L201	C4
L202	D4
L203	A3
L204	B3
L205	A4
L206	B4
L301	A5

RB114	* G4
RB115	* G5
RB217	* G4
RB218	* G5



**DD-31 -A SIDE-**  
SUFFIX : -12  
MODEL DSR-85/85P

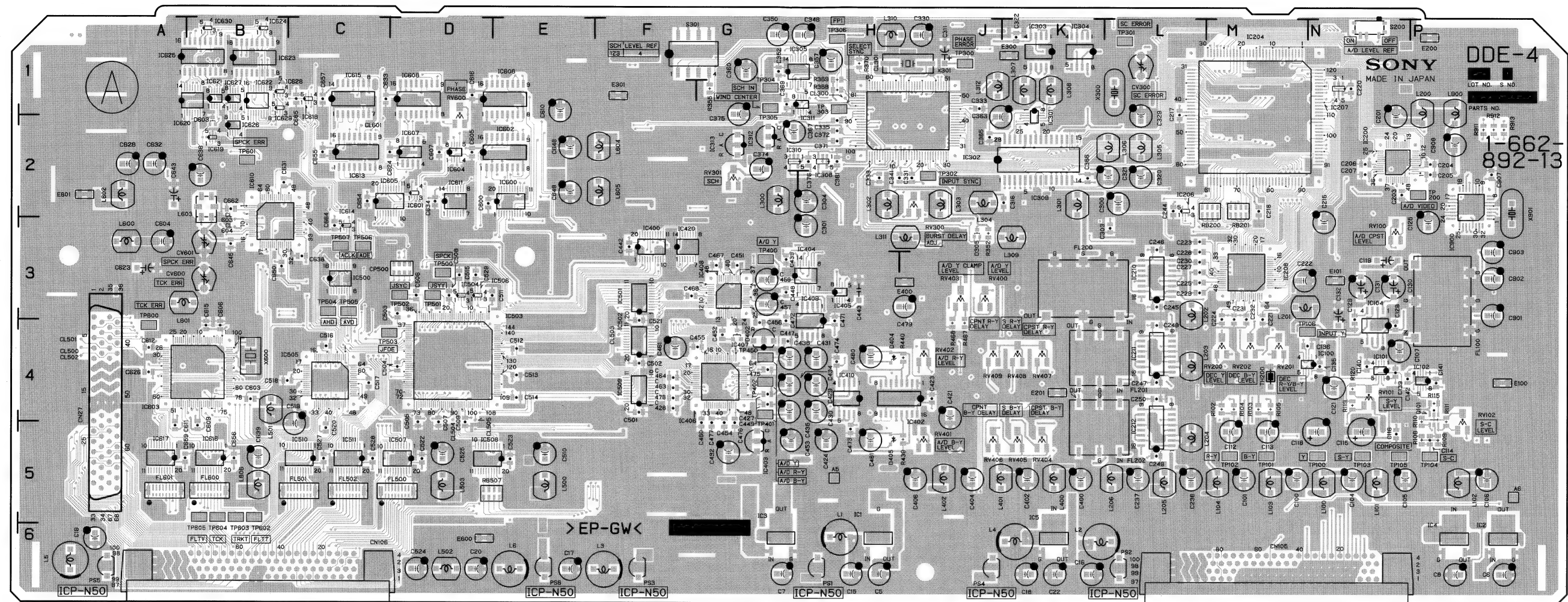




**DD-31 -B SIDE-**  
SUFFIX : -12  
MODEL DSR-85/85P



## DDE-4/4P : VIDEO INPUT PROCESS



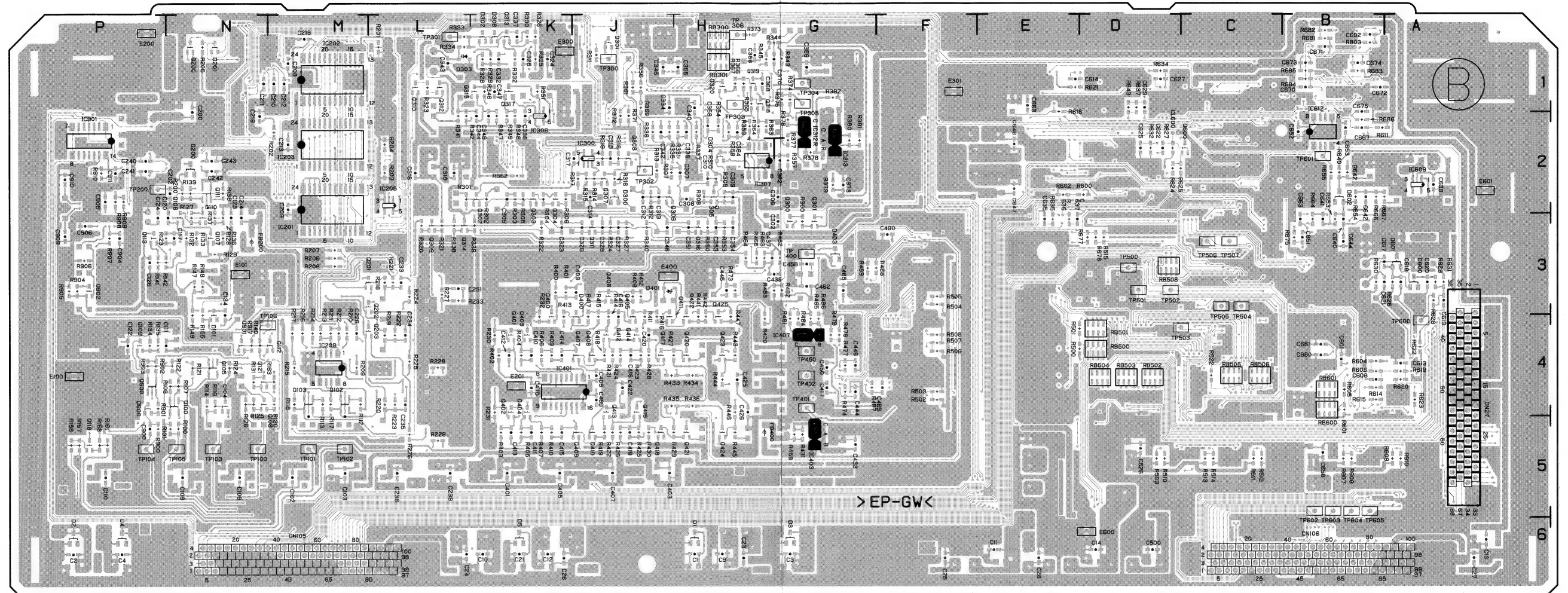
**DDE-4/4P -A SIDE-**  
 SUFFIX : -13  
 MODEL DSR-85/85P

DDE-4/4P (1-662-892-13)

\*: B SIDE

(DDE-4)		D900	* P4	IC101	N4	IC401	* K4	IC610	B3	L101	N5	L601	A3	Q200	* N1	Q406	* J3	RB505	* C4	TP103	N5	X301	J1
CN27	A3	E100	P4	IC102	P4	IC402	H4	IC611	D2	L102	P5	L602	A2	Q201	* L3	Q407	* J4	RB506	* C4	TP104	P5	X600	B4
CN105	N6	E101	N3	IC104	N4	IC403	G5	IC612	* B2	L103	M5	L603	B2	Q202	* L3	Q408	* J4	RB507	D5	TP105	N5	X901	P3
CN106	C6	E200	P1	IC200	N2	IC404	H3	IC613	C2	L104	M5	L604	F2	Q203	* L4	Q409	* J5	RB600	* B4	TP106	M4		
		E201	K4	IC201	* M2	IC405	H3	IC614	C3	L200	P1	L605	F2	Q300	* G3	Q410	* J5	RB601	* B4	TP200	P2		
CV300	L1	E300	K1	IC202	* M1	IC406	G4	IC615	C1	L201	N3	L606	B5	Q301	* G3	Q412	* J4			TP300	J1		
CV600	B3	E301	F1	IC203	* M2	IC407	G4	IC616	B5	L202	L3	L900	P1	Q302	* K2	Q413	* J4	RV100	N3	TP301	L1		
CV601	B3	E400	H3	IC204	M1	IC408	G3	IC617	A5	L203	L4			Q303	* K2	Q414	* J4	RV200	M4	TP302	J2		
		E600	D6	IC205	* L2	IC410	H4	IC618	C1	L204	L5	PS1	H6	Q304	* K2	Q415	* J4	RV201	M4	TP303	H1		
D1	* H6	E601	A2	IC206	L2	IC420	F3	IC619	B2	L205	L5	PS2	L6	Q305	* H2	Q417	* J4	RV202	M4	TP304	G1		
D2	* P6			IC207	N1	IC500	C3	IC620	B1	L206	L5	PS3	F6	Q306	* J2	Q418	* J5	RV300	J2	TP305	G1		
D3	* G6	FB200	* N3	IC208	M3	IC501	F3	IC621	B1	L300	G2	PS4	J6	Q307	* J2	Q420	* H4	RV301	G2	TP306	H1		
D4	* P6	FB400	* H5	IC209	* M4	IC502	F4	IC622	B1	L301	K2	PS5	A6	Q308	* J2	Q421	* H5	RV400	J3	TP400	G3		
D5	* K6			IC210	L3	IC503	D4	IC623	B1	L302	H2	PS6	E6	Q309	* L3	Q422	* H4	RV401	J5	TP401	G4		
D101	* N3	FL100	P3	IC211	L4	IC504	D3	IC624	B1	L303	J2			Q310	* L1	Q423	* H4	RV402	J4	TP402	G4		
D200	* N2	FL200	K3	IC212	L5	IC506	D3	IC625	B1	L304	J2	Q100	* N4	Q311	* J3	Q424	* H5	RV403	J3	TP500	D3		
D201	* N1	FL201	K4	IC300	* J2	IC507	D5	IC626	B2	L305	L2	Q101	P4	Q312	* L1	Q425	* H4	RV404	K5	TP501	D3		
D300	* J2	FL202	K5	IC301	K1	IC508	D5	IC627	B1	L306	L2	Q102	* M4	Q313	* K1	Q600	* C2	RV405	K5	TP502	D3		
D303	* L1	FL500	D5	IC302	J2	IC509	F4	IC628	B1	L307	K1	Q103	* M4	Q314	* L3	Q900	* P4	RV406	J5	TP503	C4		
D304	* H2	FL501	C5	IC303	K1	IC510	C5	IC629	B1	L308	K1	Q104	* N4	Q315	* K1	Q901	* N4	RV407	K4	TP504	C3		
D305	J3	FL502	C5	IC304	K1	IC511	C5	IC630	B1	L309	K3	Q105	* N4	Q316	* H3	Q902	* P3	RV408	K4	TP505	C3		
D400	* J4	FL600	B5	IC305	G1	IC600	E2	IC900	P2	L310	H1	Q106	* N3	Q317	* K1			RV409	J4	TP506	C3		
D402	G4	FL601	A5	IC306	* K2	IC601	D2	IC901	* P2	L311	J3	Q107	* N3	Q318	* H1	RB200	M2	RV600	D1	TP507	C3		
D403	* G3			IC307	* H2	IC602	E2			L312	J1	Q108	* N4	Q319	* H1	RB201	M2			TP600	A4		
D404	H4	IC1	H6	IC308	H2	IC603	B4		L1	L400	K5	Q109	* P4	Q320	* H1	RB300	* H1	S200	N1	TP601	B2		
D405	H5	IC2	P6	IC309	K2	IC604	D2	L2	L6	L401	J5	Q110	* N3	Q400	* K4	RB500	* D4	TH200	M4	TP602	B5		
D600	* A3	IC3	G6	IC310	G2	IC605	C2	L3	F6	L402	J5	Q111	* N2	Q401	* K4	RB501	* D4			TP603	B5		
D601	* A3	IC4	P6	IC311	H1	IC606	E1	L4	K6	L500	E5	Q112	* M4	Q402	* K4	RB502	* D4			TP604	B5		
D602	* B2	IC5	K6	IC312	G2	IC607	D2	L5	A6	L502	D6	Q113	* P3	Q403	* K4	RB503	* D4	TP100	N5	TP605	B5		
D603	B2	IC100	M4	IC313	G2	IC608	D1	L6	E6	L503	D5	Q118	* P5	Q404	* K4	RB504	* D4	TP101	M5				
				IC400	F3	IC609	* A2	L100	N5	L600	A3	Q121	* N4	Q405	* J4	RB505	* D4	TP102	M5	X300	L1		

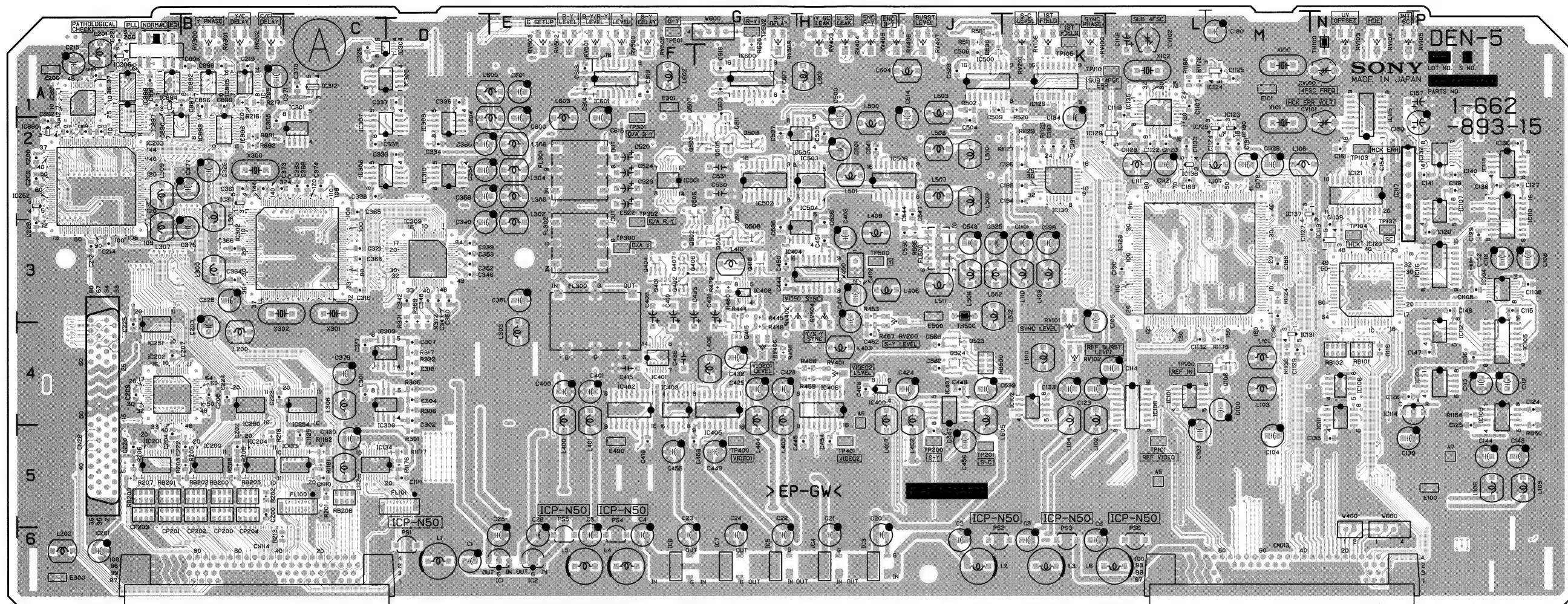




**DDE-4/4P - B SIDE-**  
 SUFFIX : -13  
 MODEL DSR-85/85P



## DEN-5/5P : VIDEO OUTPUT PROCESS



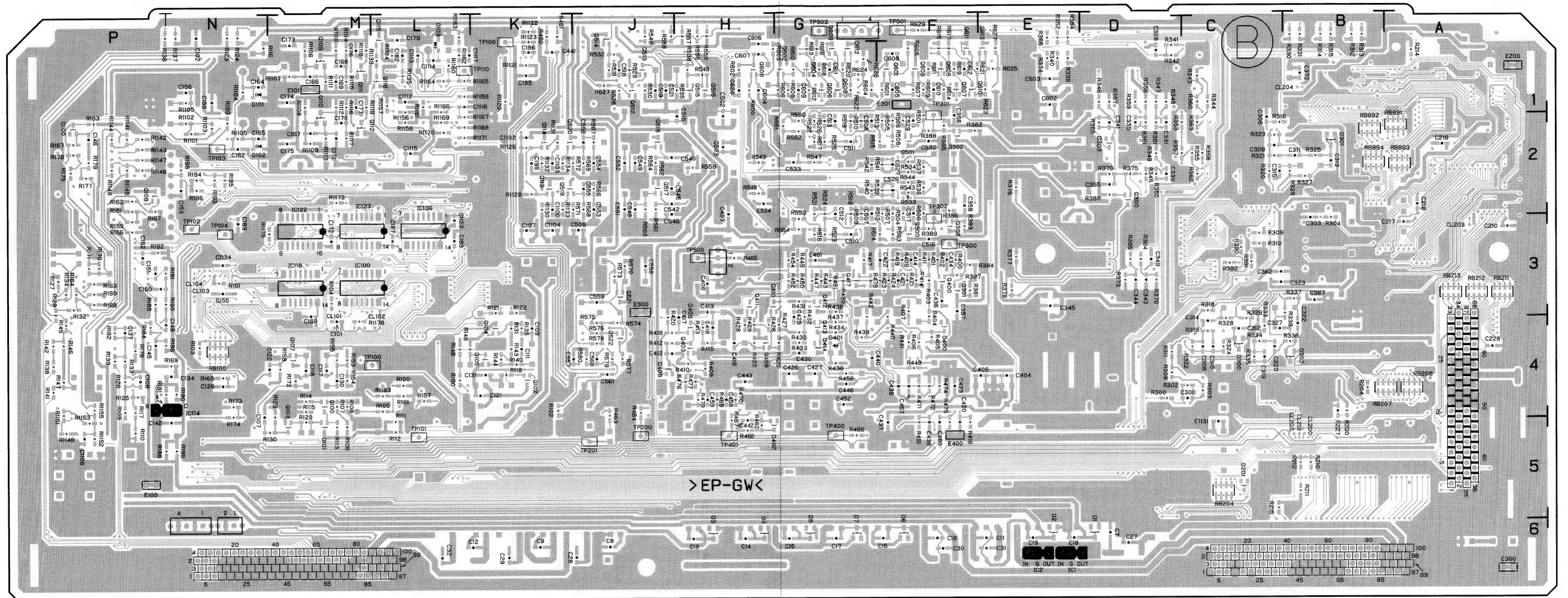
**DEN-5/5P -A SIDE-**  
SUFFIX : -15  
MODEL DSR-85/85P

DEN-5/5P (1-662-893-15)

\* : B SIDE

CN28	A5	D500	J1	IC109	P4	IC203	A2	IC503	H2	L111	L2	L507	J2	Q114	* K2	Q508	G3	RB101	N4	RV401	H4	TP401	H5
CN113	N6			IC110	P2	IC204	B5	IC504	H3	L112	C5	L508	J2	Q115	* L1	Q509	G2	RB102	N4	RV402	H3	TP500	H3
CN114	C6	E100	P5	IC111	N4	IC205	B1	IC505	H2	L200	B4	L509	J2	Q116	* L1	Q510	G2	RB200	B5	RV403	H1	TP501	F1
		E101	M1	IC112	P4	IC206	A1	IC506	H2	L201	A1	L510	J2	Q300	* D2	Q511	G2	RB201	A5	RV404	H1	TP502	G1
CP200	B5	E200	A1	IC113	P2	IC250	B4	IC600	G1	L202	A6	L511	J3	Q301	* F3	Q512	* J1	RB202	B5	RV405	H1		
CP201	A5	E300	A6	IC114	N4	IC251	A4	IC601	F1	L300	B3	L512	J3	Q302	* F2	Q513	* J1	RB203	A5	RV406	H1	W400	H3
CP202	B5	E301	F1	IC115	N1	IC252	A2	IC890	A2	L301	B2	L600	D1	Q303	* F3	Q514	* J1	RB204	* C5	RV407	J1	W400Z	N6
CP203	A5	E400	F5	IC116	P3	IC254	C4	IC891	A1	L302	E3	L601	H1	Q400	* F3	Q515	* H1	RB205	B5	RV500	F1	W600	G1
CP204	B5	E500	J3	IC117	N2	IC300	C4	IC892	A1	L303	E4	L602	F1	Q401	F3	Q516	* H1	RB206	C5	RV501	F1	W600Z	N6
				IC118	* M3	IC301	C2	IC893	B2	L304	E2	L603	E2	Q402	F3	Q517	* J2	RB207	* A4	RV502	E1		
CV100	N1	FL100	C5	IC119	N3	IC302	C3	IC894	A1	L305	E2	L604	D2	Q403	* H4	Q518	* J2	RB208	* A4	RV503	E1	X100	M1
CV101	N2	FL101	D5	IC120	N3	IC303	C4	IC895	B1	L306	E2			Q404	F3	Q519	* K2	RB211	* A3	RV504	H3	X101	M2
CV102	L1	FL300	F3	IC121	N2	IC304	C1	IC896	B2	L307	A3			Q405	* H4	Q520	* K2	RB212	* A3	RV505	F1	X102	L1
		FL301	E2	IC122	* M3	IC305	C1	IC897	A2	L308	C4			Q406	G3	Q521	* J3	RB213	* A3	RV506	G1	X300	B2
D1	* D6			IC123	M2	IC306	C2	IC898	A1	L309	A2	PS3	K6	Q407	F3	Q522	* J4	RB500	J4			X301	C3
D2	* E6	FL302	E3	IC124	M1	IC307	C2			L400	E5	PS4	F6	Q408	* J4	Q523	J4	RB891	* A2	S200	A1	X302	B3
D3	* H6	FL500	J3	IC125	M2	IC308	D2			L401	E5	PS5	E6	Q409	* H4	Q524	J4	RB892	* B2				
D4	* H6			IC126	K1	IC309	D3	L2	J6	L402	J5	PS6	L6	Q410	* H3	Q600	* H1	RB893	* A2	TH100	N1		
D5	* G6			IC127	* M3	IC310	D2	L3	K6	L403	H4			Q411	* H3	Q601	* F1	RB894	* B2	TH500	J3		
D6	* F6	IC1	E6	IC128	H6	IC311	B2	L4	F6	L404	G5	Q100	* M4	Q412	* G3	Q602	* G1						
D7	* G6	IC4	H6	IC129	L2	IC312	C1	L5	E6	L405	G5	Q101	* M5	Q413	* G4	Q603	* F1	RV100	K1	TP100	L4		
D100	* P2	IC5	G6	IC130	K2	IC400	H4	L6	L6	L406	G4	Q102	* K4	Q414	* G4	Q604	* G1	RV101	K4	TP101	L5		
D101	* N1	IC6	F6	IC131	M4	IC401	F4	L100	K4	L407	H5	Q103	* M5	Q415	G4	Q605	* F1	RV102	K4	TP102	N3		
D102	* N2	IC7	G6	IC132	P2	IC402	F4	L101	M4	L408	H3	Q104	* K4	Q416	G3	Q606	* G1	RV103	N1	TP103	N2		
D103	* L1	IC100	* M3	IC133	C5	IC403	F4	L102	K4	L409	H3	Q105	* K4	Q417	* G3	Q607	* F1	RV104	N1	TP104	N3		
D201	* C5	IC101	L4	IC134	C5	IC404	H3	L103	M4	L410	G3	Q106	M4	Q500	* F3	Q608	* G1	RV105	N1	TP105	K1		
D300	* C4	IC102	K4	IC135	L1	IC405	G4	L104	K4	L500	H2	Q107	* M4	Q501	* F2	Q609	* G1	RV106	K1	TP110	L1		
D301	* B2	IC103	P4	IC136	* L3	IC406	H4	L105	P5	L501	H2	Q108	* P2	Q502	G3	Q610	* F1	RV200	H3	TP200	J5		
D302	* B4	IC104	P3	IC137	M2	IC407	J4	L106	P5	L502	J3	Q109	* M1	Q503	G2	Q611	* F1	RV201	K1	TP201	J5		
D303	* D2	IC105	P4	IC138	L2	IC408	G3	L107	M2	L503	J1	Q110	* M2	Q504	G3	Q612	* G1	RV300	B1	TP300	F3		
D400	* F4	IC106	L4	IC200	B5	IC500	J1	L108	M2	L504	J1	Q111	* M1	Q505	G2	Q613	* E1	RV301	B1	TP301	F2		
D401	* G4	IC107	P2	IC201	A5	IC501	F2	L109	K3	L505	J4	Q112	* M2	Q506	F2			RV302	B1	TP302	F3		
D402	* H5	IC108	N4	IC202	A4	IC502	G2	L110	K3	L506	J3	Q113	* K2	Q507	F2			RB100	* N4	RV400	G4	TP400	G5



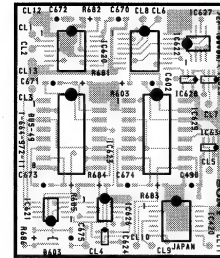


**DEN-5/5P -B SIDE-**  
SUFFIX : -15  
MODEL DSR-85/85P

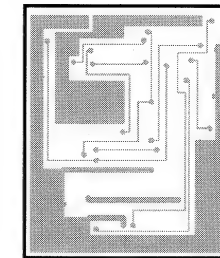




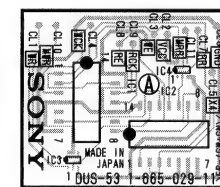




**DUS-49 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P



**DUS-49 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P



**DUS-53 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

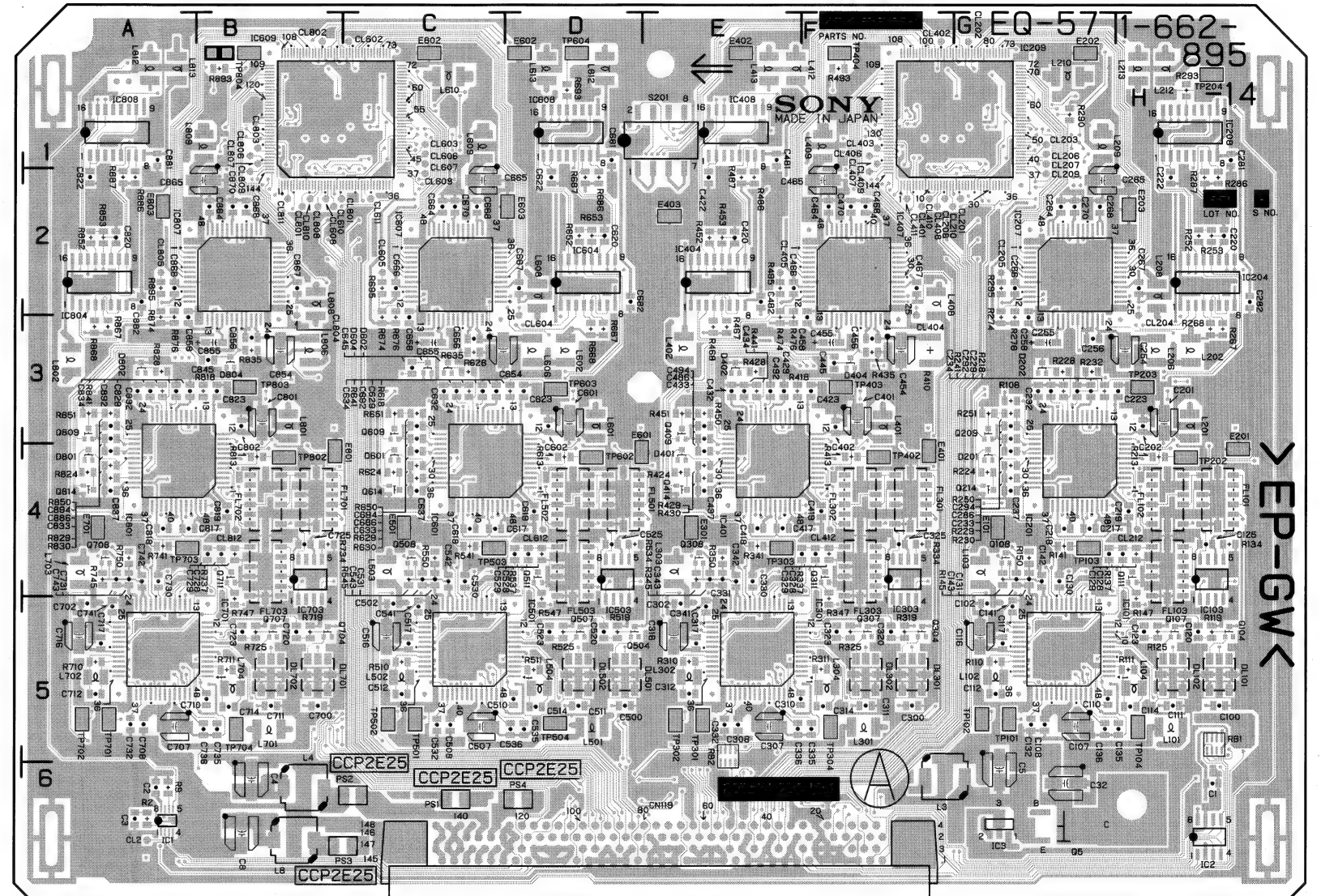


## EQ-57 : RF DATA PROCESS

EQ-57 (1-662-895-14)

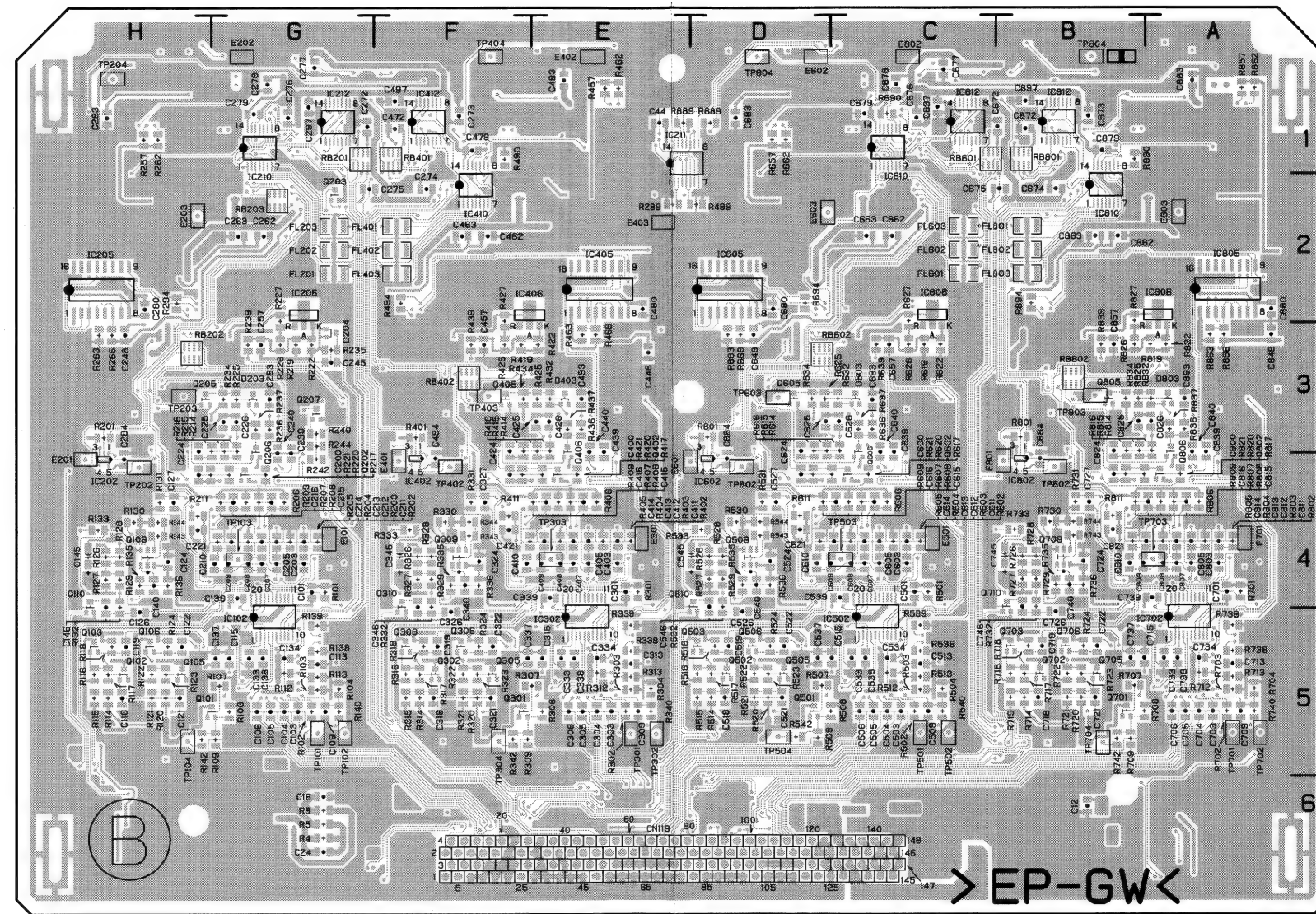
\*: B SIDE

CN119	F6	IC401	E4	Q101	* G5	TP303	E4
DL101	H5	IC402	* F4	Q102	* H5	TP304	F5
DL102	H5	IC404	E2	Q103	* H5	TP402	F4
DL301	F5	IC405	* E2	Q104	H5	TP403	F3
DL302	F5	IC406	* F2	Q105	* H5	TP404	F1
DL501	D5	IC407	F2	Q106	* H5	TP501	C5
DL502	D5	IC408	E1	Q107	H5	TP502	C5
DL701	B5	IC410	* F2	Q108	G4	TP503	C4
DL702	B5	IC412	* F1	Q109	* H4	TP504	D5
		IC501	C5	Q110	* H4	TP602	D4
		IC502	* C5	Q111	H4	TP603	D3
D201	G4	IC503	D4	Q202	* G4	TP604	D1
D202	G3	IC601	C4	Q203	* G2	TP701	A5
D203	* G3	IC602	* D4	Q205	* H3	TP702	A5
D204	* G3	IC604	D2	Q206	* G3	TP703	A4
D401	E4	IC605	* D2	Q207	* G3	TP704	B5
D402	E3	IC606	* C2	Q209	G3	TP802	B4
D403	* E3	IC607	C2	Q214	G4	TP803	B3
D404	F3	IC608	D1	Q301	* F5	TP804	B1
D601	C4	IC609	B1	Q302	* F5		
D602	C3	IC610	* C1	Q303	* F5		
D603	* C3	IC612	* C1	Q304	F5		
D604	C3	IC701	A5	Q305	* F5		
D801	A4	IC702	* A5	Q306	* F5		
D802	A3	IC703	B4	Q307	F5		
D803	* A3	IC801	A4	Q308	E4		
D804	B3	IC802	* B4	Q309	* F4		
		IC804	A2	Q310	* F4		
E101	G4	IC805	* A2	Q311	F4		
E201	H4	IC806	* A2	Q402	* E4		
E202	G1	IC807	B2	Q405	* F3		
E203	H2	IC808	A1	Q406	E3		
E301	E4	IC810	* B2	Q409	E3		
E401	F4	IC812	* B1	Q414	E4		
E402	E1			Q501	* D5		
E403	E2	L3	F6	Q502	* D5		
E501	C4	L4	B6	Q503	* D5		
E601	E4	L8	B6	Q504	D5		
E602	D1	L101	H5	Q505	* D5		
E603	D2	L102	G5	Q506	* D5		
E701	A4	L103	G4	Q507	D5		
E801	B4	L104	H5	Q508	C4		
E802	C1	L201	H3	Q509	* D4		
E803	A2	L202	H3	Q510	* D4		
		L206	H3	Q511	D4		
FL101	H4	L208	H2	Q602	* C4		
FL102	H4	L209	G1	Q605	* D3		
FL103	H4	L210	G1	Q606	* C3		
FL201	* G2	L212	H1	Q609	C3		
FL202	* G2	L213	H1	Q614	C4		
FL203	* G2	L301	F5	Q701	* B5		
FL301	F4	L302	E5	Q702	* B5		
FL302	F4	L303	E4	Q703	* B5		
FL303	F4	L304	F5	Q704	B5		
FL401	* F2	L401	F3	Q705	* B5		
FL402	* F2	L402	E3	Q706	* B5		
FL403	* F2	L408	F2	Q707	B5		
FL501	D4	L409	F1	Q708	A4		
FL502	D4	L412	E1	Q709	* B4		
FL503	D4	L413	E1	Q710	* B4		
FL601	* C2	L501	D5	Q711	B4		
FL602	* C2	L502	C5	Q802	* A4		
FL603	* C2	L503	C4	Q805	* B3		
FL701	B4	L504	D5	Q806	* A3		
FL702	B4	L601	D3	Q809	A3		
FL703	B4	L602	D3	Q814	A4		
FL801	* B2	L606	D3				
FL802	* B2	L608	D2	RB1	H5		
FL803	* B2	L609	C1	RB2	E5		
		L610	C1	RB201	* G1		
IC1	A6	L612	D1	RB202	* H3		
IC2	H6	L613	D1	RB203	* G2		
IC3	G6	L701	B5	RB401	* F1		
IC101	G5	L702	A5	RB402	* F3		
IC102	* G5	L703	A4	RB601	* C1		
IC103	H4	L704	B5	RB602	* D3		
IC201	G4	L801	B3	RB801	* B1		
IC202	* H4	L802	A3	RB802	* B3		
IC204	H2	L806	B3				
IC205	* H2	L808	B2	S201	E1		
IC206	* G2	L809	B1				
IC207	G2	L812	A1	TP101	G5		
IC208	H1	L813	A1	TP102	G5		
IC209	G1			TP103	G4		
IC210	* G1	PS1	C6	TP104	H5		
IC211	* E1	PS2	C6	TP202	H4		
IC212	* G1	PS3	C6	TP203	H3		
IC301	E5	PS4	D6	TP204	H1		
IC302	* E5			TP301	E5		
IC303	F4	Q5	G6	TP302	E5		



**EQ-57 -A SIDE-**  
 SUFFIX : -14  
 MODEL DSR-85/85P





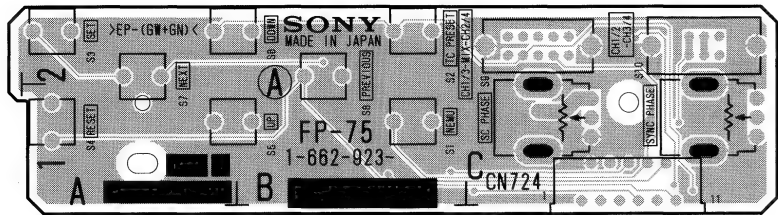
EQ-57 -B SIDE-  
SUFFIX : -14  
MODEL DSR-85/85P



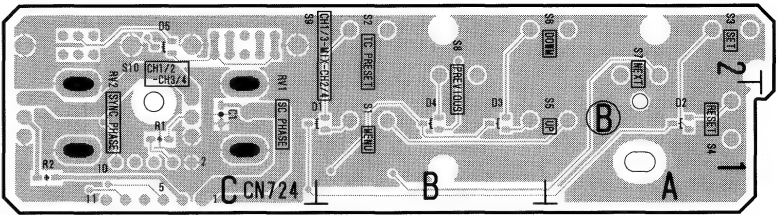




FP-75 : SUB PANEL SWITCH  
HP-73 : HP VOLUME/CONNECTOR



**FP-75 -A SIDE-**  
SUFFIX : -11, 12  
MODEL DSR-85/85P



**FP-75 -B SIDE-**  
SUFFIX : -11, 12  
MODEL DSR-85/85P

FP-75 (1-662-923-11,12)

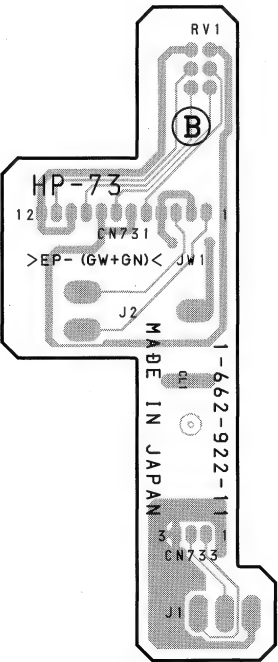
\*: B SIDE

CN724	C1
D1	* B1
D2	* A1
D3	* B1
D4	* B1
D5	* C2
RV1	C1
RV2	C1
S1	B1
S2	B2
S3	A2
S4	A1
S5	A1
S6	A2
S7	A2
S8	B2
S9	C2
S10	C2

HP-73 (1-662-922-11)

\*: B SIDE

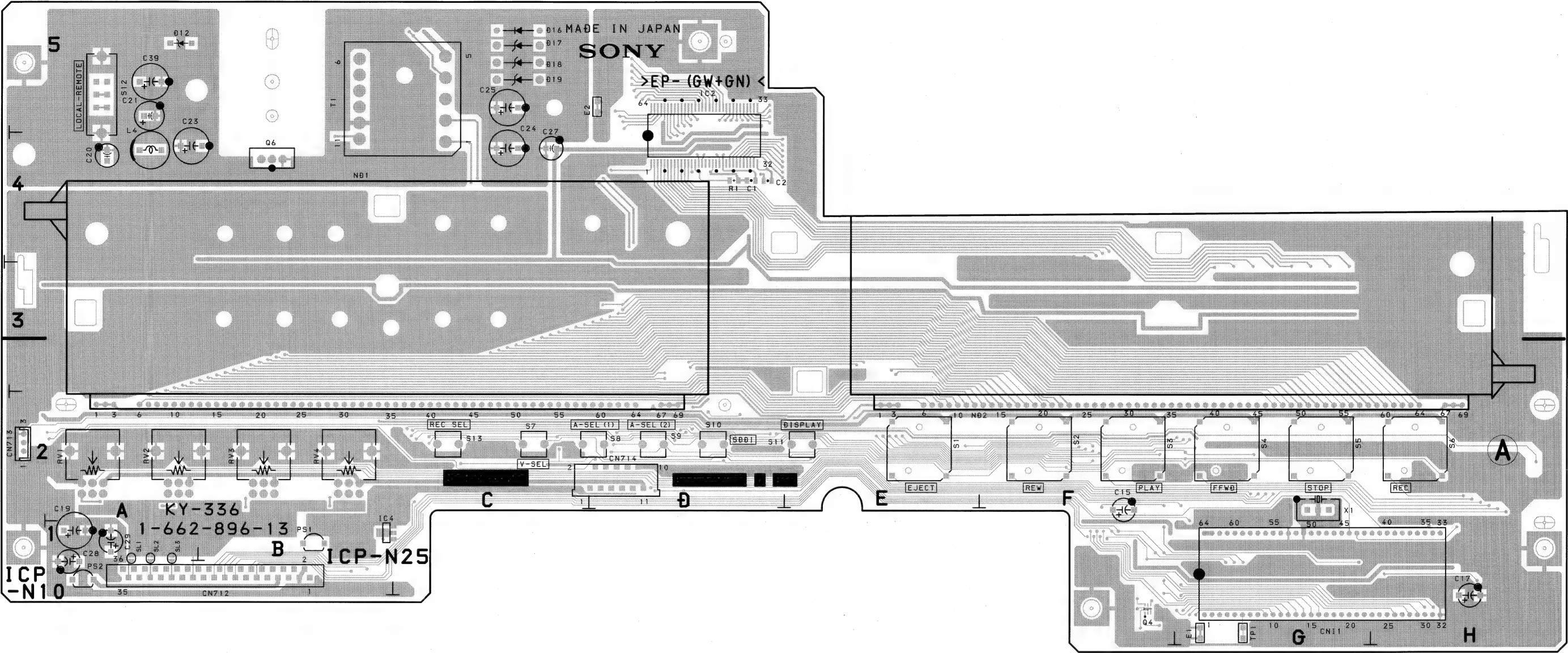
CN731	A1
CN733	A1
JW1	A1
J1	A1
J2	A1
RV1	A1



**HP-73 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P



KY-336 : KEY BOARD



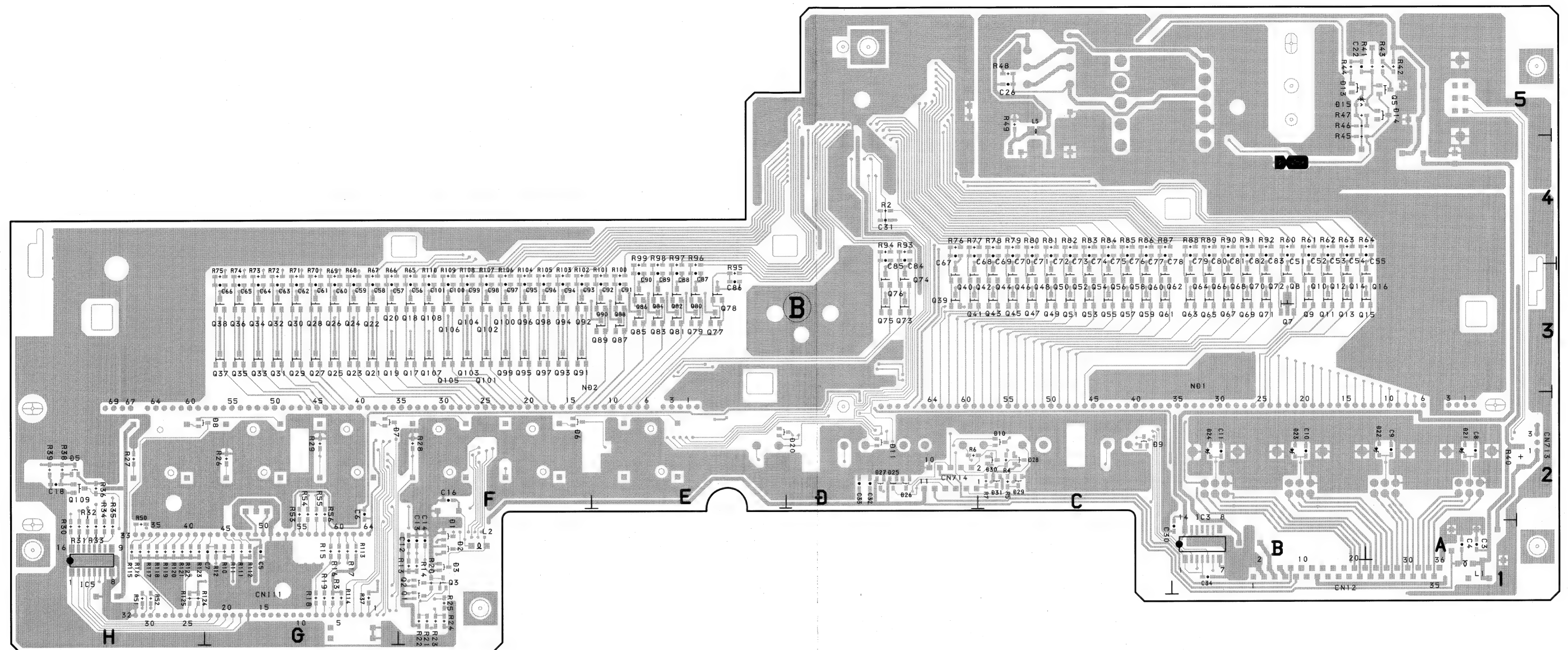
KY-336 -A SIDE-  
SUFFIX : -13  
MODEL DSR-85/85P

KY-336 (1-662-896-13)

\*: B SIDE

CN712	B1	D15	* B5	E1	G1	PS2	A1	Q16	* A3	Q33	* G3	Q50	* C3	Q67	* B3	Q84	* E3	Q101	* F3	S3	F2
CN713	A2	D16	C5	IC1	G1	Q1	* F1	Q17	* F3	Q34	* G3	Q51	* C3	Q68	* B3	Q85	* E3	Q102	* F3	S4	G2
CN714	D2	D17	C5	IC2	D4	Q2	* F1	Q18	* F3	Q35	* G3	Q52	* C3	Q69	* B3	Q86	* E3	Q103	* F3	S5	G2
D1	* F1	D18	C5	IC3	* B1	Q3	* F1	Q19	* G3	Q36	* G3	Q53	* C3	Q70	* B3	Q87	* E3	Q104	* F3	S6	H2
D2	* F1	D19	C5	IC4	B1	Q4	F1	Q20	* G3	Q37	* G3	Q54	* C3	Q71	* B3	Q88	* E3	Q105	* F3	S7	C2
D3	* F1	D20	* E2	IC5	* H1	Q5	* A5	Q21	* G3	Q38	* G3	Q55	* C3	Q72	* B3	Q89	* E3	Q106	* F3	S8	D2
D5	* H2	D21	* A2			Q6	B4	Q22	* G3	Q39	* D3	Q56	* C3	Q73	* D3	Q90	* E3	Q107	* F3	S9	D2
D6	* F2	D22	* A2			Q7	* B3	Q23	* G3	Q40	* D3	Q57	* C3	Q74	* D3	Q91	* F3	Q108	* F3	S10	D2
D7	* G2	D23	* B2	L1	* A1	Q8	* B3	Q24	* G3	Q41	* D3	Q58	* C3	Q75	* D3	Q92	* F3	Q109	* H2	S11	E2
D8	* H2	D24	* B2	L2	* F1	Q9	* B3	Q25	* G3	Q42	* D3	Q59	* C3	Q76	* D3	Q93	* F3			S12	A5
D9	* C2	D25	* D2	L4	A4	Q10	* B3	Q26	* G3	Q43	* C3	Q60	* C3	Q77	* E3	Q94	* F3	RV1	A2	S13	C2
D10	* C2	D26	* D2	L5	* C5	Q11	* B3	Q27	* G3	Q44	* C3	Q61	* C3	Q78	* E3	Q95	* F3	RV2	A2		
D11	* D2	D27	* D2			Q12	* B3	Q28	* G3	Q45	* C3	Q62	* C3	Q79	* E3	Q96	* F3	RV3	B2	TP1	G1
D12	A5	D28	* C2	ND1	A2	Q13	* B3	Q29	* G3	Q46	* C3	Q63	* B3	Q80	* B3	Q97	* F3	RV4	B2		
D13	* B5	D29	* C2	ND2	E2	Q14	* B3	Q30	* G3	Q47	* C3	Q64	* B3	Q81	* E3	Q98	* F3			T1	C4
D14	* A5	D30	* C2			Q15	* B3	Q31	* G3	Q48	* C3	Q65	* B3	Q82	* E3	Q99	* F3	S1	E2	X1	G2
		D31	* C2	PS1	B1		* A3	Q32	* G3	Q49	* C3	Q66	* B3	Q83	* E3	Q100	* F3	S2	F2		





KY-336 -B SIDE-

SUFFIX : -13  
MODEL DSR-85/85P

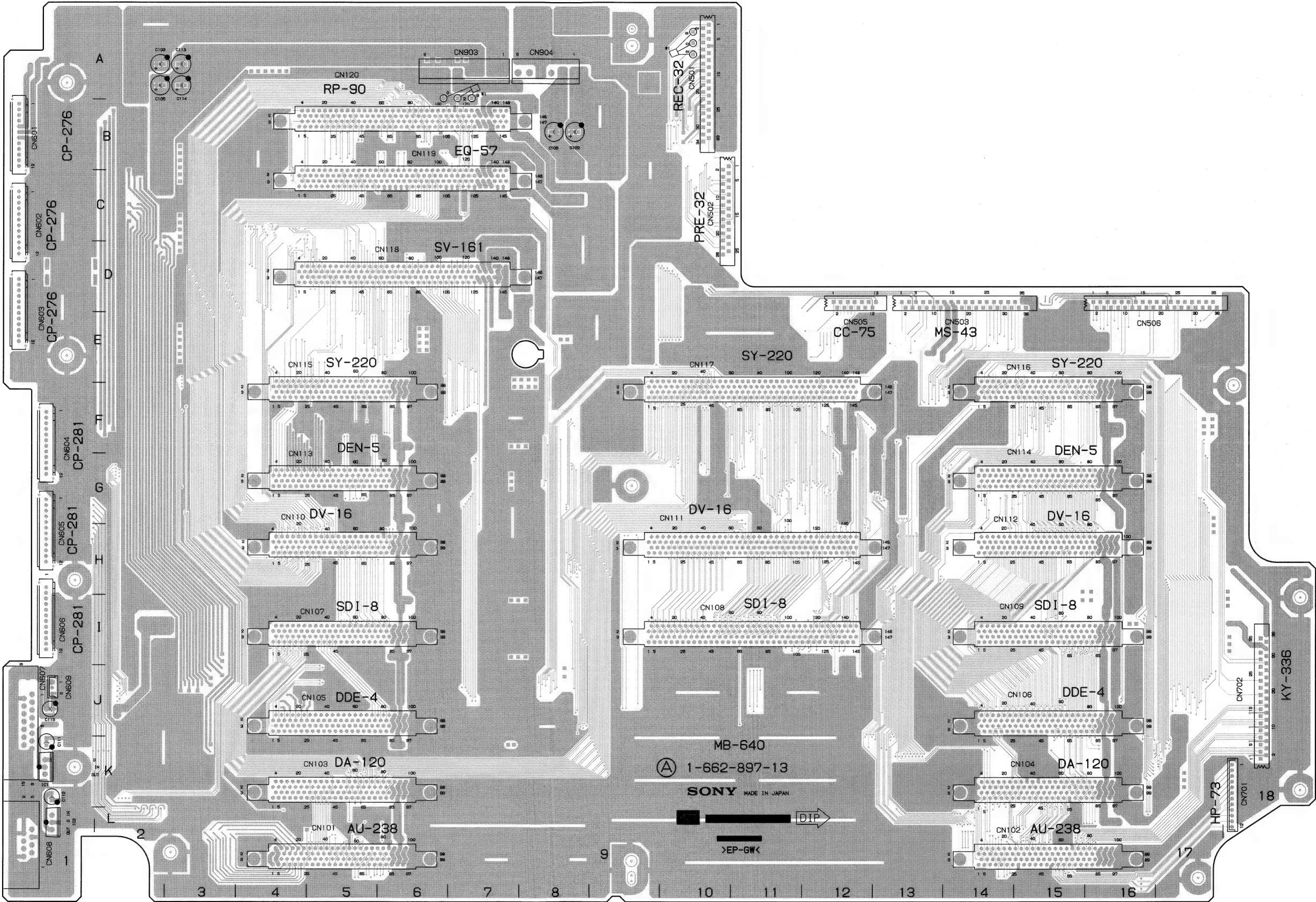


MB-640 : MOTHER BOARD

MB-640 (1-662-897-13)

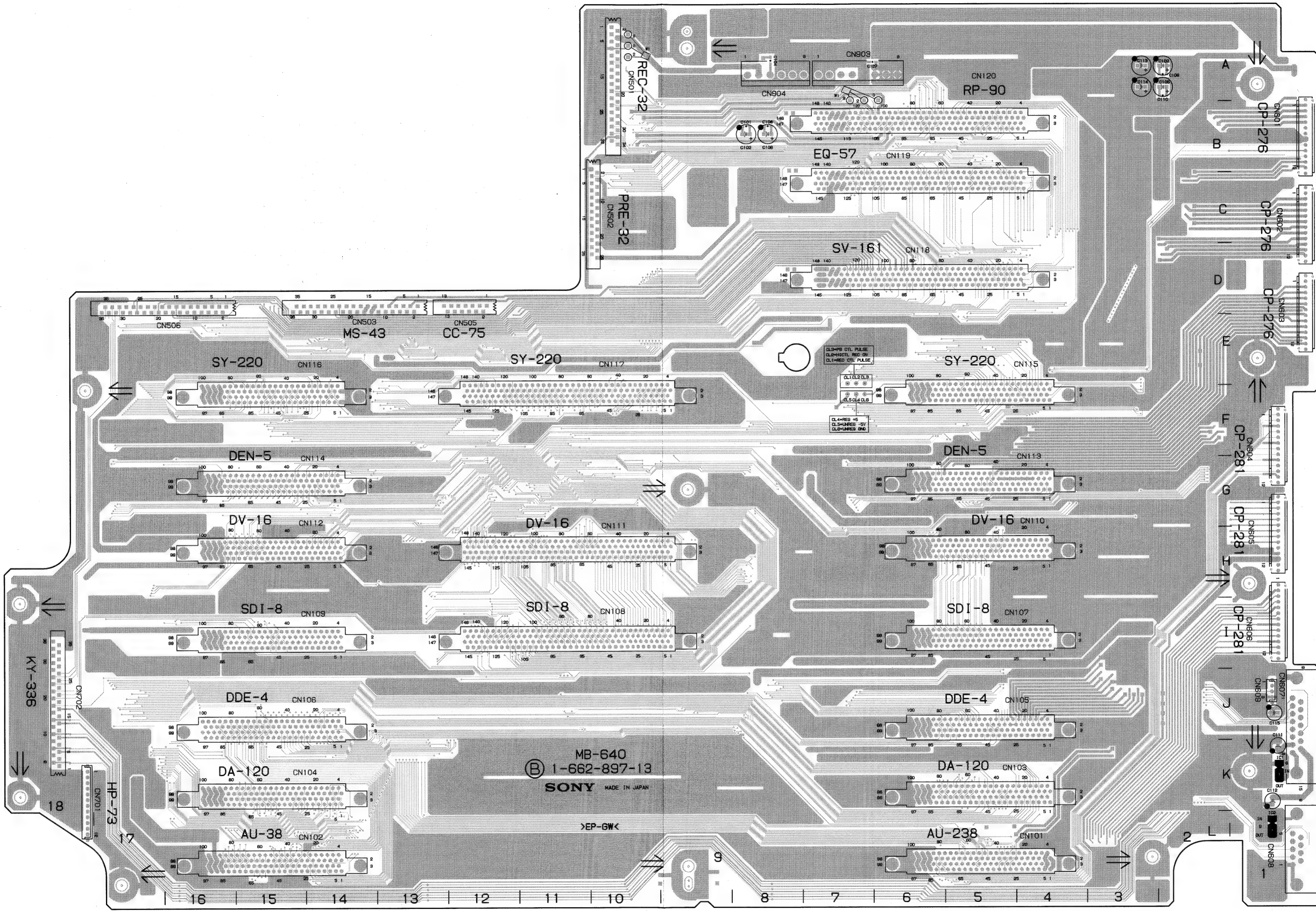
\*: B SIDE

- |       |     |
|-------|-----|
| CN101 | L4  |
| CN102 | L14 |
| CN103 | K4  |
| CN104 | K14 |
| CN105 | J4  |
| CN106 | J14 |
| CN107 | I4  |
| CN108 | I9  |
| CN109 | I14 |
| CN110 | H4  |
| CN111 | H9  |
| CN112 | H14 |
| CN113 | G4  |
| CN114 | G14 |
| CN115 | F4  |
| CN116 | F14 |
| CN117 | F9  |
| CN118 | D4  |
| CN119 | C4  |
| CN120 | B4  |
| CN501 | A10 |
| CN502 | B10 |
| CN503 | D13 |
| CN505 | D12 |
| CN506 | D16 |
| CN601 | B1  |
| CN602 | C1  |
| CN603 | D1  |
| CN604 | F1  |
| CN605 | G1  |
| CN606 | H1  |
| CN607 | J1  |
| CN608 | L1  |
| CN609 | J1  |
| CN701 | K18 |
| CN702 | K18 |
| CN903 | A7  |
| CN904 | A8  |
| IC1   | K1  |
| IC2   | L1  |



MB-640 -A SIDE-  
SUFFIX : -13  
MODEL DSR-85/85P





**MB-640 -B SIDE-**  
SUFFIX : -13  
MODEL DSR-85/85P



MS-43 : DRUM/CAPSTAN DRIVE

MS-43 (1-662-898-14)

\*: B SIDE

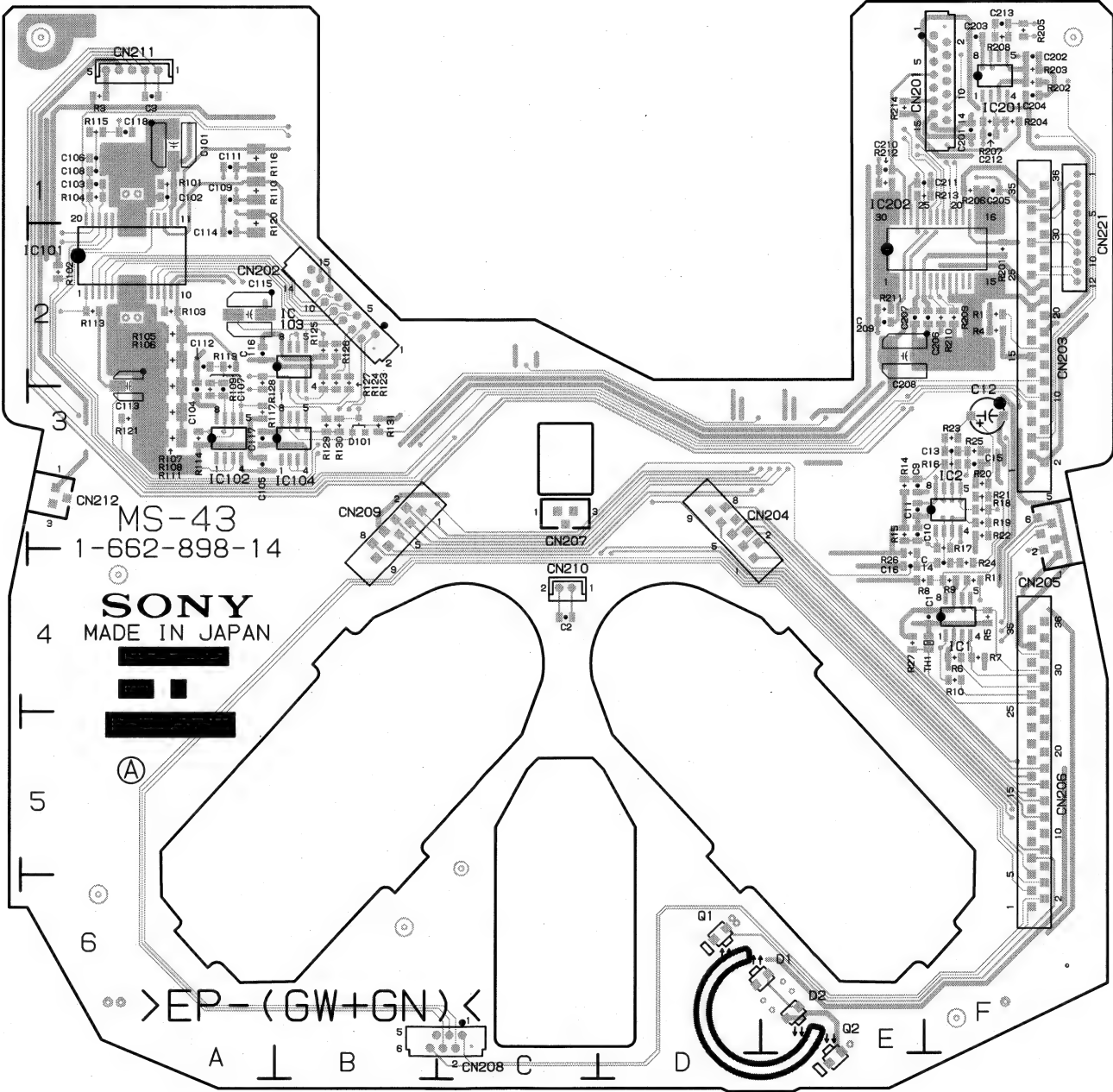
CN201 F1  
CN202 B2  
CN203 F3  
CN204 D4  
CN205 F4  
CN206 F6  
CN207 C3  
CN208 C6  
CN209 B3  
CN210 C4  
CN211 A1  
CN212 A3  
CN221 F1

D1 D6  
D2 E6  
D101 B3

IC1 F4  
IC2 F3  
IC101 A2  
IC102 A3  
IC103 B2  
IC104 B3  
IC201 F1  
IC202 F2

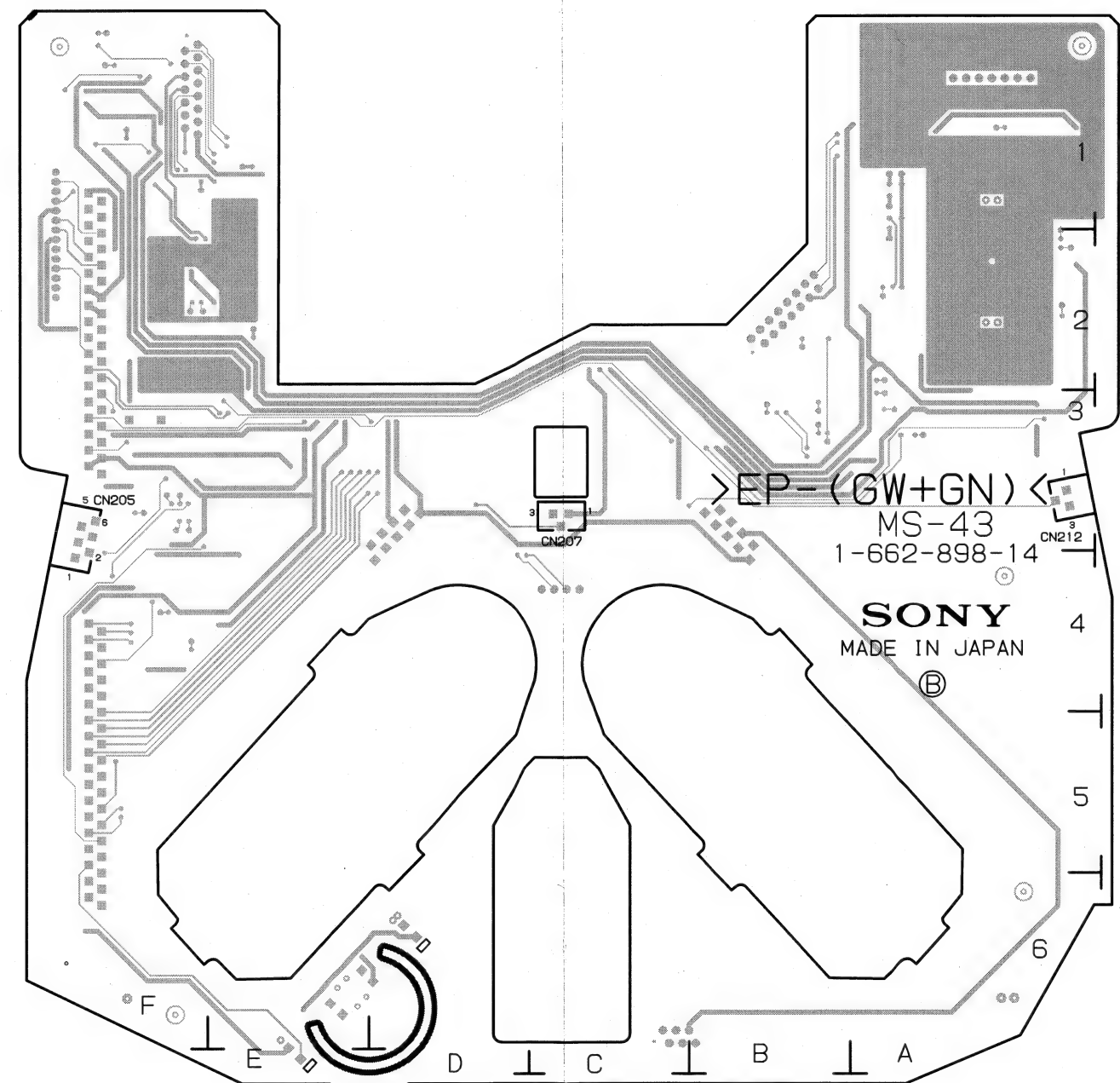
Q1 D6  
Q2 E6

TH1 F4



MS-43 -A SIDE-  
SUFFIX : -14  
MODEL DSR-85/85P





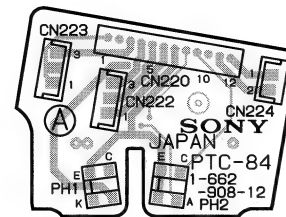
**MS-43 -B SIDE-**  
SUFFIX : -14  
MODEL DSR-85/85P



PTC-84 : TH/UNTH END SENSOR

PTC-85 : TAPE TOP SENSOR

PTC-86 : TAPE END SENSOR

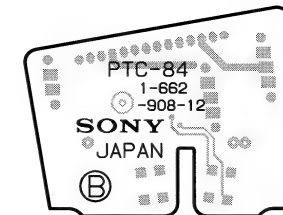
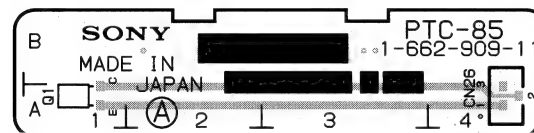
**PTC-84 -A SIDE-**SUFFIX : -12  
MODEL DSR-85/85P

PTC-84 (1-662-908-12)

\*: B SIDE

CN220	A1
CN222	A1
CN223	A1
CN224	A1

PH1	A1
PH2	A1

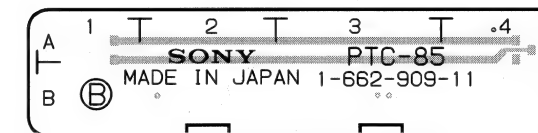
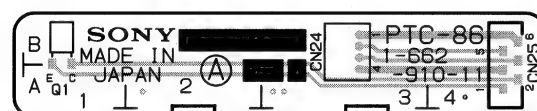
**PTC-84 -B SIDE-**SUFFIX : -12  
MODEL DSR-85/85P**PTC-85 -A SIDE-**SUFFIX : -11  
MODEL DSR-85/85P

PTC-85 (1-662-909-11)

\*: B SIDE

CN26	A4
------	----

Q1	A1
----	----

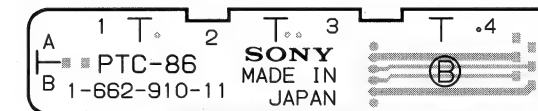
**PTC-85 -B SIDE-**SUFFIX : -11  
MODEL DSR-85/85P**PTC-86 -A SIDE-**SUFFIX : -11  
MODEL DSR-85/85P

PTC-86 (1-662-910-11)

\*: B SIDE

CN24	B3
CN25	A4

Q1	B1
----	----

**PTC-86 -B SIDE-**SUFFIX : -11  
MODEL DSR-85/85P



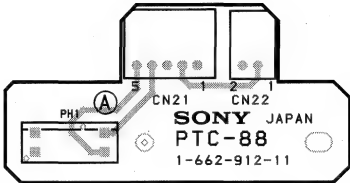
PTC-87 : TAPE TOP/END LED  
PTC-88 : THREAD FG SENSOR



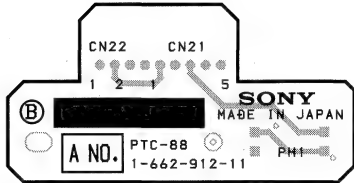
**PTC-87 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P



**PTC-87 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P



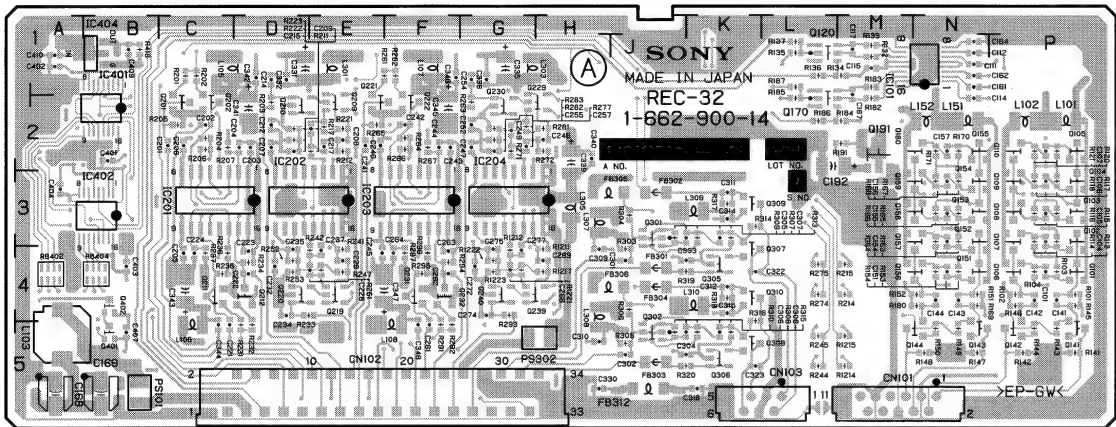
**PTC-88 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P



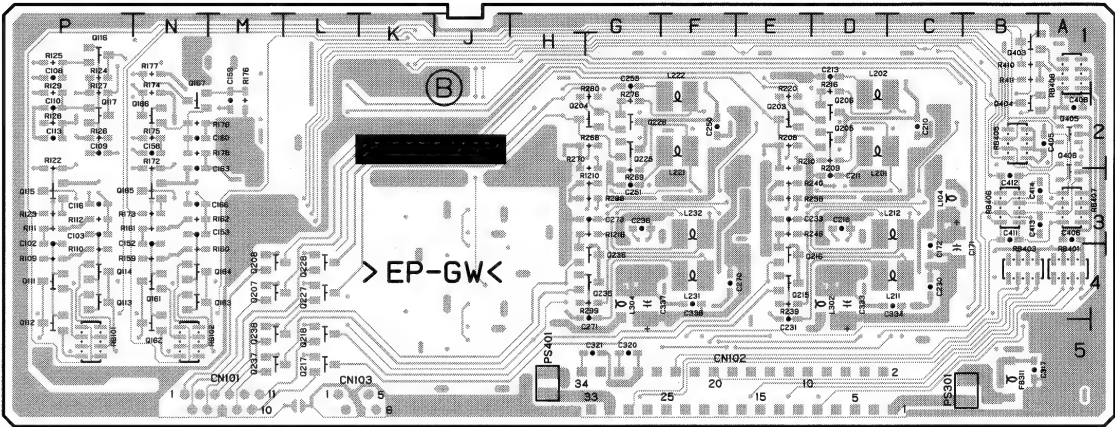
**PTC-88 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P



REC-32 : RF REC/PB PROCESS



REC-32 -A SIDE-  
SUFFIX : -14  
MODEL DSR-85/85P



REC-32 -B SIDE-  
SUFFIX : -14  
MODEL DSR-85/85P

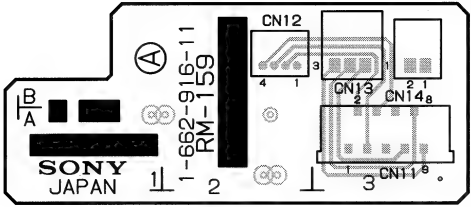
REC-32 (1-662-900-14)

\*: B SIDE

CN101	A5	L305	A3	Q162	* A5	Q305	A4
CN102	A5	L307	A3	Q163	* A4	Q306	A5
CN103	A5	L308	A4	Q164	* A4	Q307	A4
		L309	A3	Q165	* A3	Q308	A5
		L310	A4	Q166	* A2	Q309	A3
FB301	A4			Q167	* A2	Q310	A4
FB302	A3			Q170	A2	Q401	A5
FB303	A5	PS101	A5	Q191	A2	Q402	A4
FB304	A4	PS301	* A5	Q201	A2	Q403	* A1
FB305	A3	PS302	A5	Q202	A2	Q404	* A2
FB306	A4	PS401	* A5	Q203	* A2	Q405	* P2
FB311	* A5			Q204	* A2	Q406	* P3
FB312	A5			Q205	* A2		
		Q101	A4	Q206	* A2	RB101	* A5
IC101	A1	Q102	A3	Q207	* A4	RB102	* A5
IC201	A3	Q103	A3	Q208	* A4	RB401	* P4
IC202	A3	Q104	A3	Q209	A2	RB402	P4
IC203	A3	Q105	A2	Q210	A2	RB403	* A4
IC204	A3	Q106	A4	Q211	A4	RB404	A4
IC401	A2	Q107	A3	Q212	A4	RB405	* A2
IC402	A3	Q108	A3	Q215	* A4	RB406	* A3
IC404	A1	Q109	A3	Q216	* A4	RB407	* P3
		Q110	A2	Q217	* A5	RB408	* P1
		Q111	* A4	Q218	* A5		
		Q112	* A5	Q219	A4		
		Q113	* A4	Q220	A4		
		Q114	* A4	Q221	A2		
		Q115	* A3	Q222	A2		
		Q116	* A1	Q225	* A2		
		Q117	* A2	Q226	* A2		
		Q120	A1	Q227	* A4		
		Q141	A5	Q228	* A4		
		Q142	A5	Q229	A2		
		Q143	A5	Q230	A2		
		Q144	A5	Q231	A4		
		Q151	A4	Q232	A4		
		Q152	A3	Q235	* A4		
		Q153	A3	Q236	* A4		
		Q154	A3	Q237	* A5		
		Q155	A2	Q238	* A5		
		Q156	A4	Q239	A4		
		Q157	A3	Q240	A4		
		Q158	A3	Q301	A3		
		Q159	A3	Q302	A5		
		Q160	A2				
		Q161	* A4				



RM-159 : S REEL CONNECTION  
RM-160 : T REEL CONNECTION

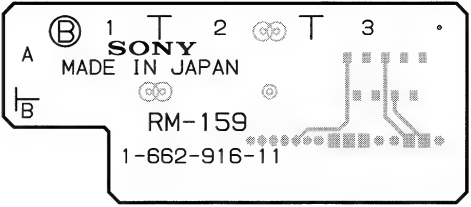


**RM-159 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

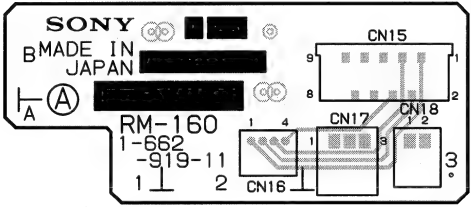
RM-159 (1-662-916-11)

\*: B SIDE

CN11 A3  
CN12 B2  
CN13 B3  
CN14 B3



**RM-159 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

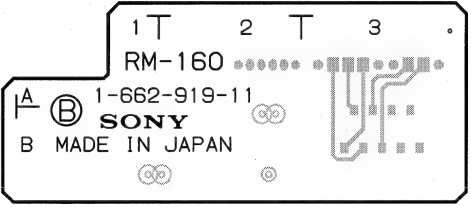


**RM-160 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

RM-160 (1-662-919-11)

\*: B SIDE

CN15 B3  
CN16 A2  
CN17 A3  
CN18 A3



**RM-160 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P



RP-90 : RF REC/PB PROCESS

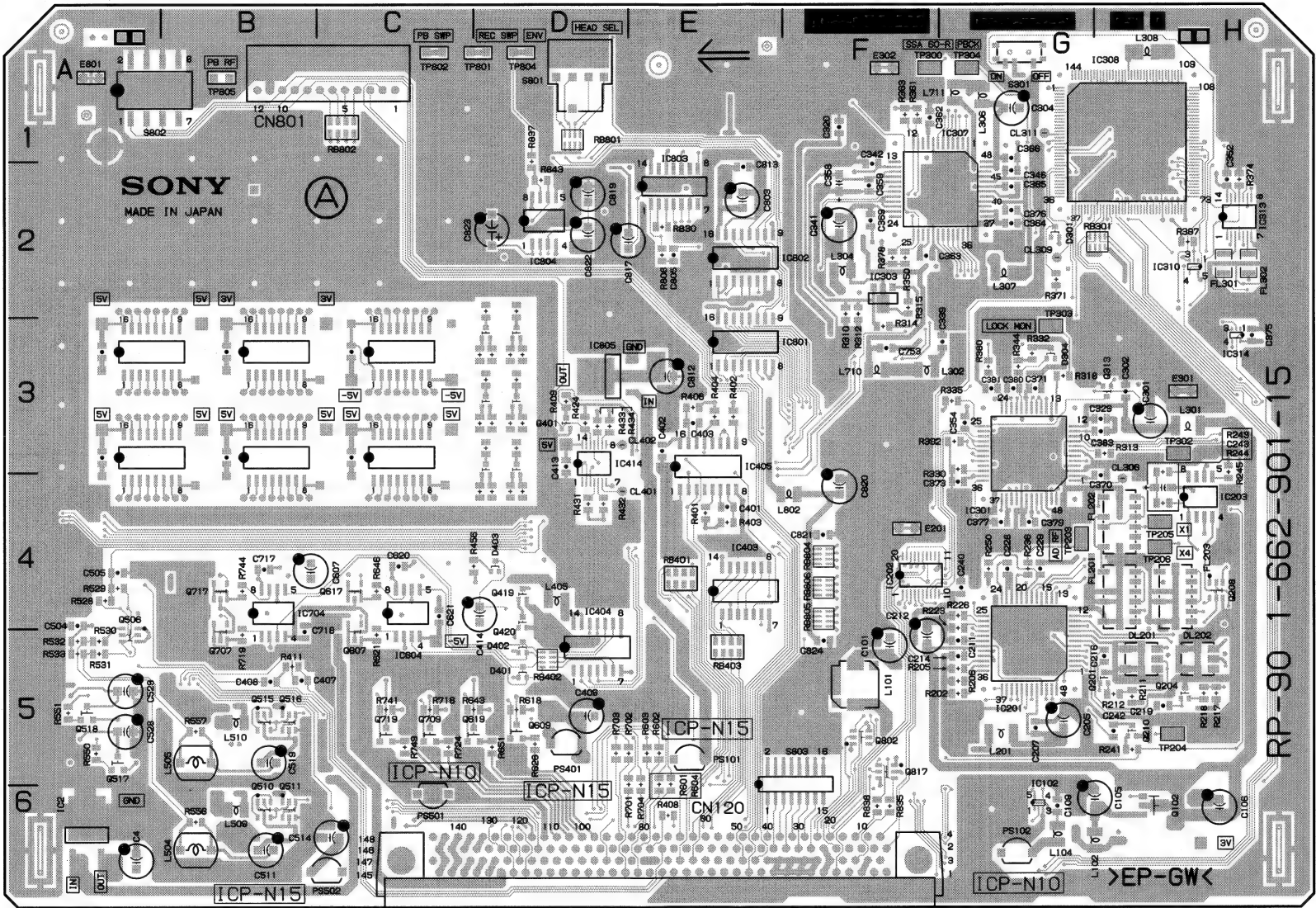
RP-90 (1-662-901-15)

\*: B SIDE

CN120	F6	Q202	* H5
CN801	C1	Q203	* H5
		Q204	H5
D2	* A6	Q205	* H5
D301	G2	Q206	* H5
D302	* G3	Q207	* H4
D303	* G3	Q208	H4
D304	G3	Q209	* G5
D305	* F3	Q210	H5
D401	D5	Q211	* H4
D402	D5	Q302	* G3
D403	D4	Q304	* H3
D801	* E2	Q310	* G3
D802	* D2	Q311	* G3
D803	* E3	Q312	* G3
		Q313	H3
DL201	H5	Q401	D3
DL202	H5	Q419	D4
		Q420	D4
E201	F4	Q506	A5
E301	H3	Q510	B6
E302	F1	Q511	B6
E801	A1	Q515	B5
		Q516	B5
FL201	H4	Q517	A5
FL202	H4	Q518	A5
FL203	H4	Q519	* C6
FL301	H2	Q520	* B5
FL302	H2	Q607	C5
		Q609	D5
IC2	A6	Q617	C4
IC100	* H6	Q619	D5
IC102	G6	Q707	B5
IC201	G5	Q709	C5
IC202	F4	Q717	B4
IC203	H4	Q719	C5
IC301	G3	Q801	* F3
IC302	* F2	Q802	* F5
IC303	F2	Q803	* F5
IC304	* G2	Q804	* F5
IC306	* F1	Q805	* F5
IC307	G2	Q806	* F5
IC308	H1	Q807	* E3
IC310	H2	Q808	* E3
IC313	H2	Q809	* E3
IC314	H3	Q810	* E2
IC403	E4	Q811	* E2
IC404	D5	Q812	* E2
IC405	E3	Q813	* E1
IC414	D3	Q814	* D2
IC503	* A5	Q815	* D2
IC504	* A5	Q817	F5
IC604	C4		
IC704	B4	RB301	H2
IC801	E3	RB302	* G3
IC802	E2	RB401	E4
IC803	E2	RB402	D5
IC804	D2	RB403	E5
IC805	D3	RB801	D1
		RB802	C1
L101	F5	RB803	* E2
L102	G6	RB804	F4
L104	G6	RB805	F4
L201	G5	RB806	F4
L202	* G5		
L204	* G5	S301	G1
L207	* F5	S801	D1
L301	H3	S802	A1
L302	F3	S803	F5
L304	F2		
L306	G1	TP203	G4
L307	G2	TP204	H5
L308	H1	TP205	H4
L405	D4	TP206	H4
L504	B6	TP300	F1
L505	B5	TP302	H3
L509	B6	TP303	G3
L510	B5	TP304	G1
L710	F3	TP801	C1
L711	G1	TP802	C1
L801	* E2	TP804	D1
L802	F4	TP805	B1

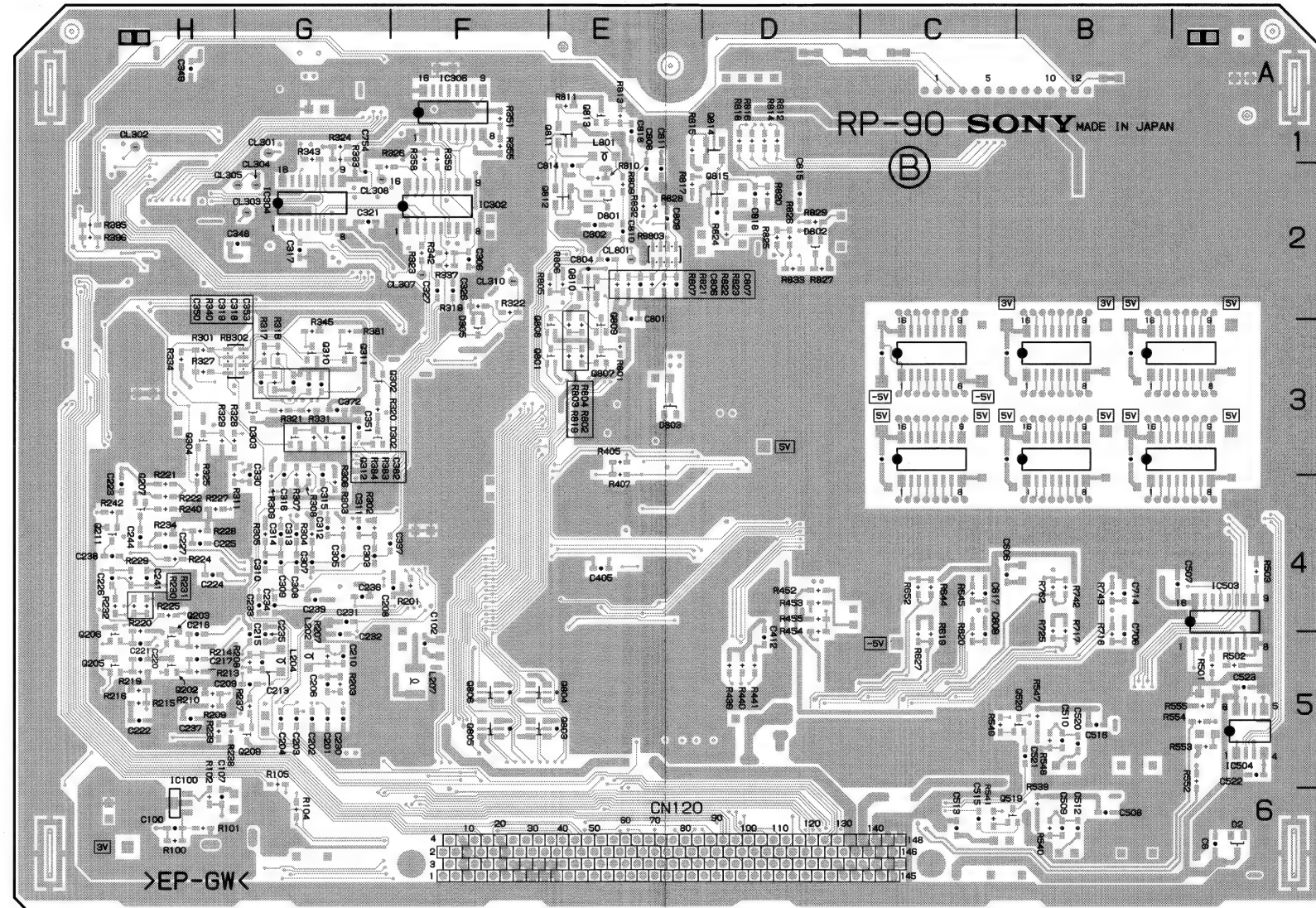
PS101	E5
PS102	G6
PS401	D5
PS501	C6
PS502	B6

Q102	H6
Q201	H5



RP-90 -A SIDE-  
SUFFIX : -15  
MODEL DSR-85/85P

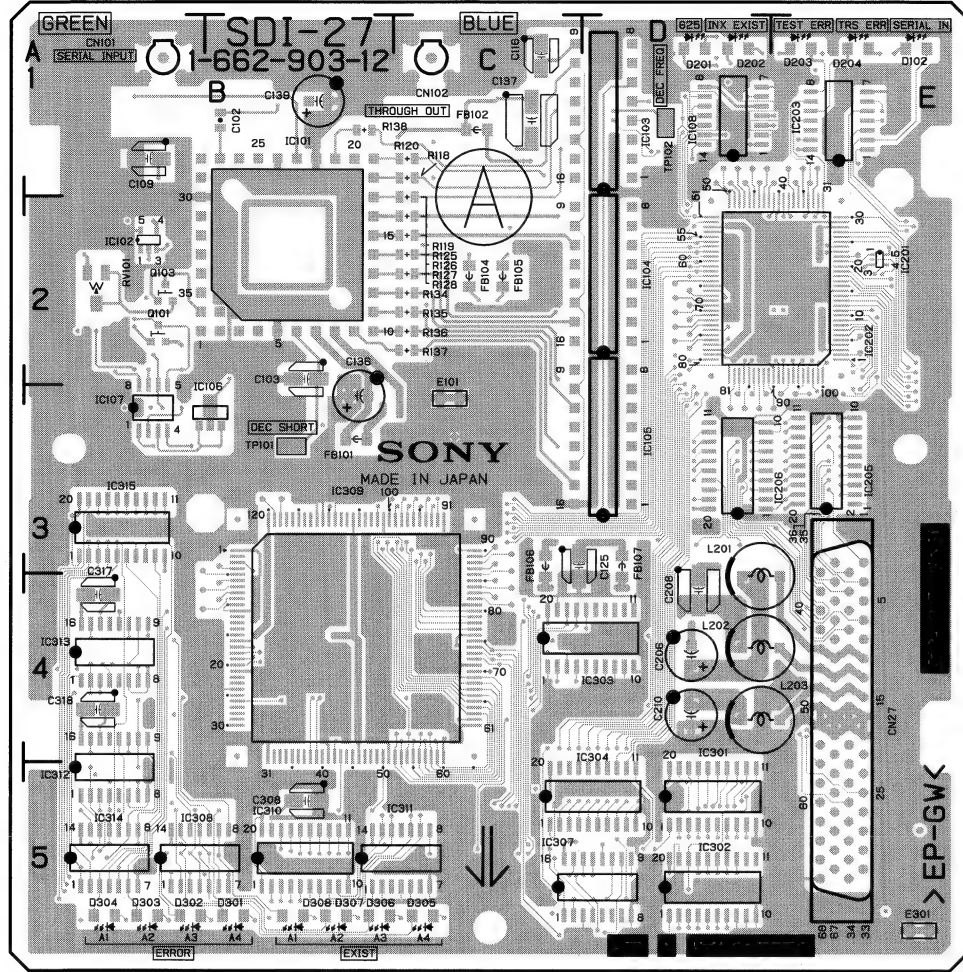




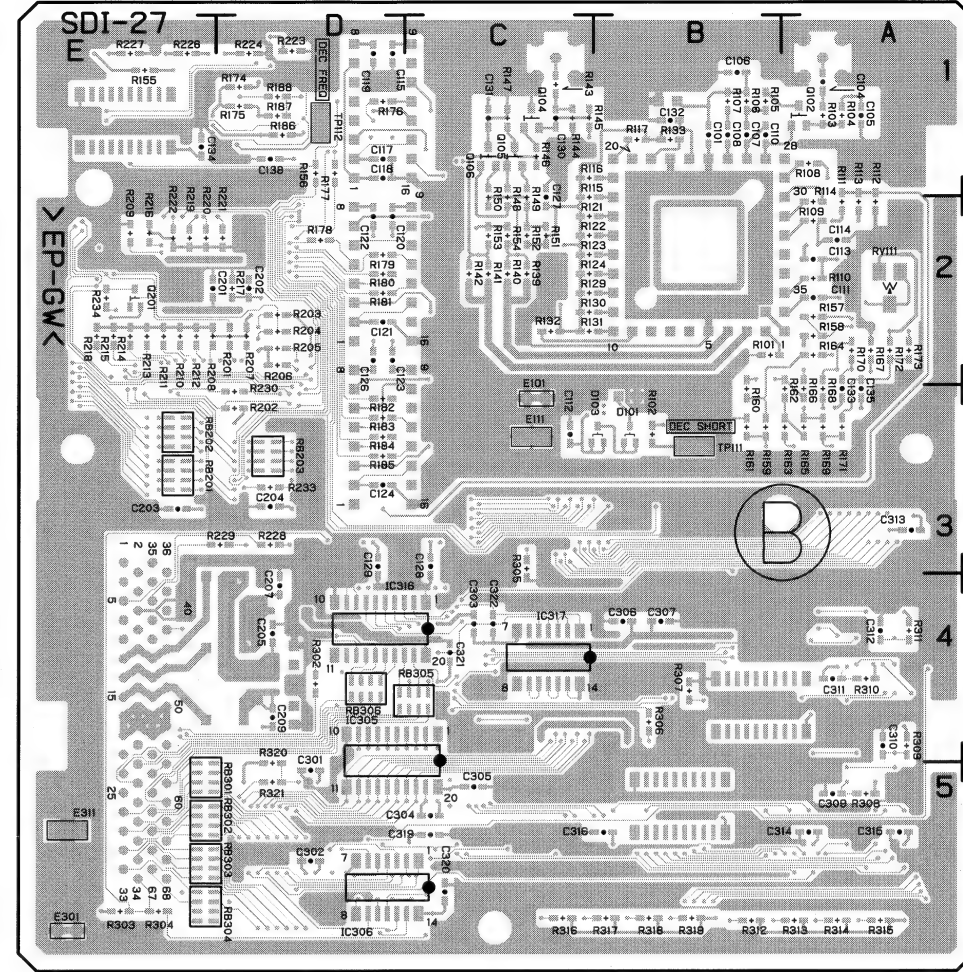
**RP-90 -B SIDE-**  
SUFFIX : -15  
MODEL DSR-85/85P



### SDI-27 : SDI INPUT



**SDI-27 -A SIDE-**  
SUFFIX : -12  
MODEL DSBK-120/120P



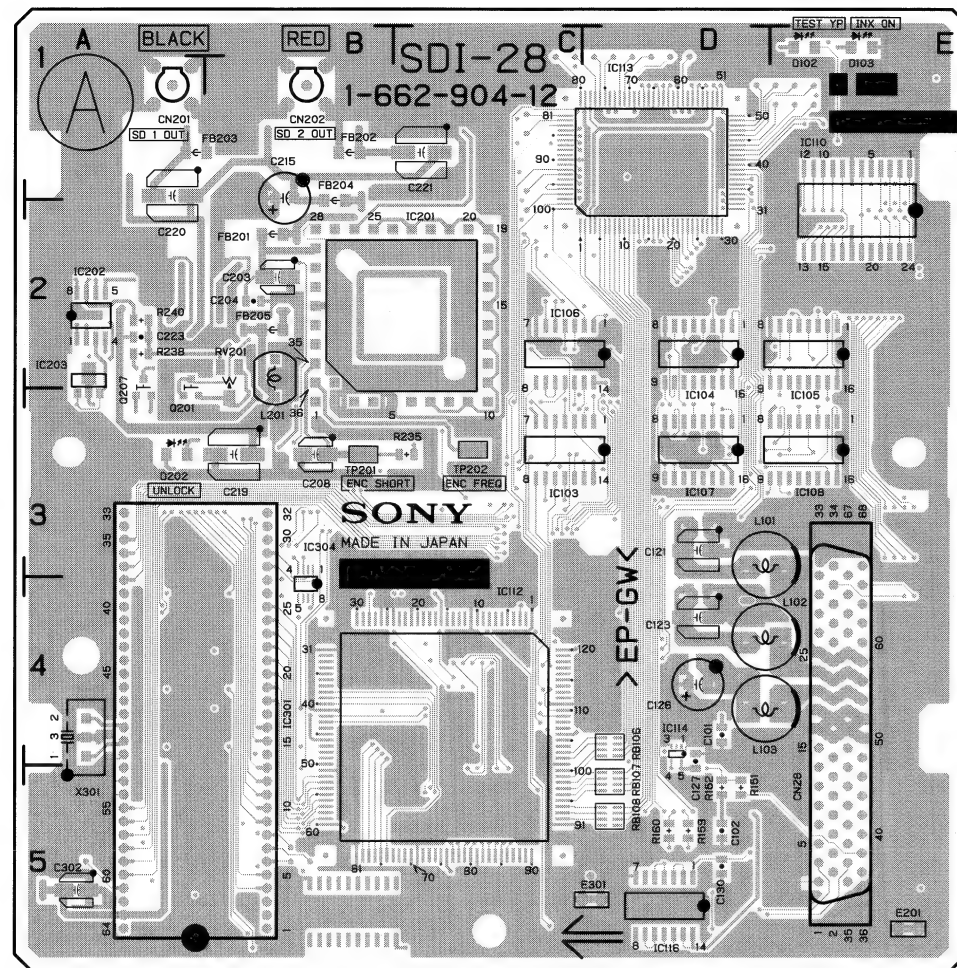
**SDI-27 -B SIDE-**  
SUFFIX : -12  
MODEL DSBK-120/120P

SDI-27 (1-662-903-12)

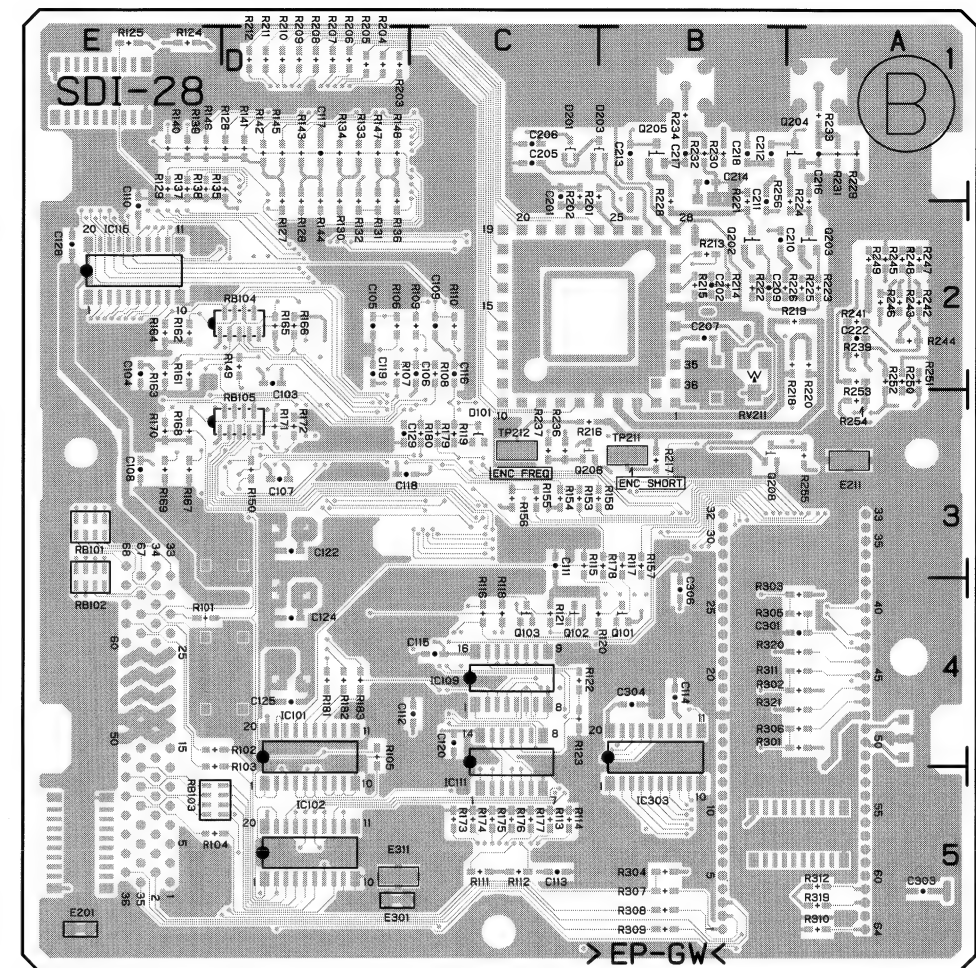
\* : B SIDE

CN27	E3	FB105	C2	IC310	B5	RB304	* E5
CN101	A1	FB106	C3	IC311	C5	RB305	* C4
CN102	C1	FB107	D3	IC312	A5	RB306	* D4
				IC313	A4		
D101	* B3	IC101	A2	IC314	A5	RV101	A2
D102	E1	IC102	A2	IC315	A3		
D103	* B3	IC103	D1	IC316	* D4	TP101	B3
D201	D1	IC104	D2	IC317		TP102	D1
D204	E1	IC105	D3			TP111	* B3
D301	B5	IC106	B3	L201	D4	TP112	* D1
D302	A5	IC107	A3	L202	D4		
D303	A5	IC108	D1	L203	D4		
D304	A5	IC201	E2				
D305	C5	IC202	E2	Q102	* A1		
D306	B5	IC203	E1	Q103	A2		
D307	B5	IC205	E3	Q104	* C1		
D308	B5	IC206	D3	Q105	* C1		
		IC301	D5	Q106	* C1		
E101	C3	IC302	D5	Q201	* E2		
E111	* C3	IC303	D4				
E301	E5	IC304	D5	RB201	* E3		
E311	* E5	IC305	* D4	RB202	* E3		
		IC306	* D5	RB203	* D3		
FB101	B3	IC307	D5	RB301	* E5		
FB102	C1	IC308	A5	RB302	* E5		
FB104	C2	IC309	B4	RB303	* E5		





**SDI-28 -A SIDE-**  
SUFFIX : -12  
MODEL DSBK-120/120P



**SDI-28 -B SIDE-**  
SUFFIX : -12  
MODEL DSBK-120/120P

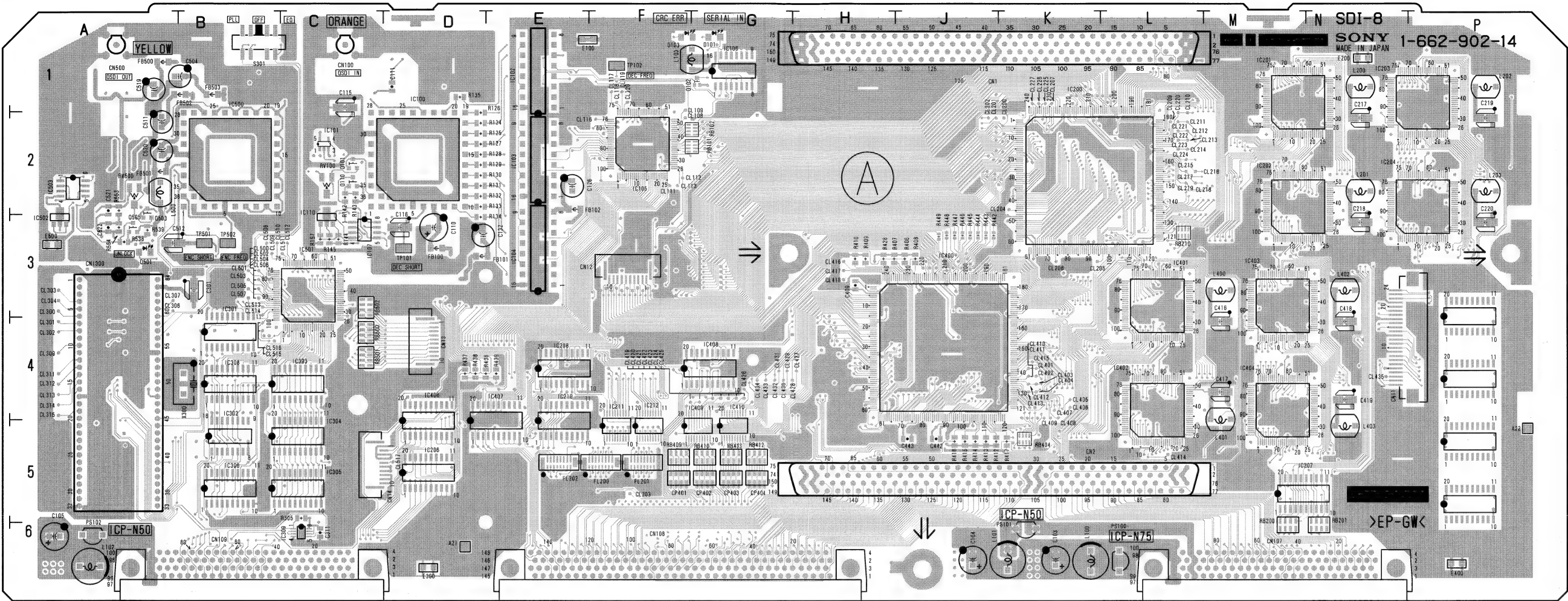
SDI-28 (1-662-904-12)

\* : B SIDE

CNI301	B5	IC105	E2	Q201	A2
		IC106	C2	Q202	* B2
CN28	E5	IC107	D3	Q203	* A2
CN201	A1	IC108	E3	Q204	* A1
CN202	B1	IC109	* C4	Q205	* B1
		IC110	E2	Q206	* C3
D101	* C3	IC111	* C4	Q208	* B3
D201	* C1	IC112	C4		
D202	A3	IC113	D1	RB101	* E3
D203	* B1	IC114	D4	RB102	* E4
		IC115	* E2	RB103	* E5
E201	E5	IC116	* A5	RB104	* D2
E211	* A3	IC201	B3	RB105	* D3
E301	C5	IC202	A2	RB106	C2
E311	* C5	IC203	A2	RB107	D2
		IC303	* B4	RB108	D2
FB201	B2	IC304	B4		
FB202	B1			RV201	B2
FB203	A1	L101	E3		
FB204	B2	L102	E4	TP201	B3
FB205	B2	L103	E4	TP202	C3
		L201	B2	TP211	* B3
IC101	* D4			TP212	* C3
IC102	* D5	Q101	* C4		
IC103	C3	Q102	* C4	X301	A4
IC104	D2	Q103	* C4		



SDI-8 : QSDI INTERFACE



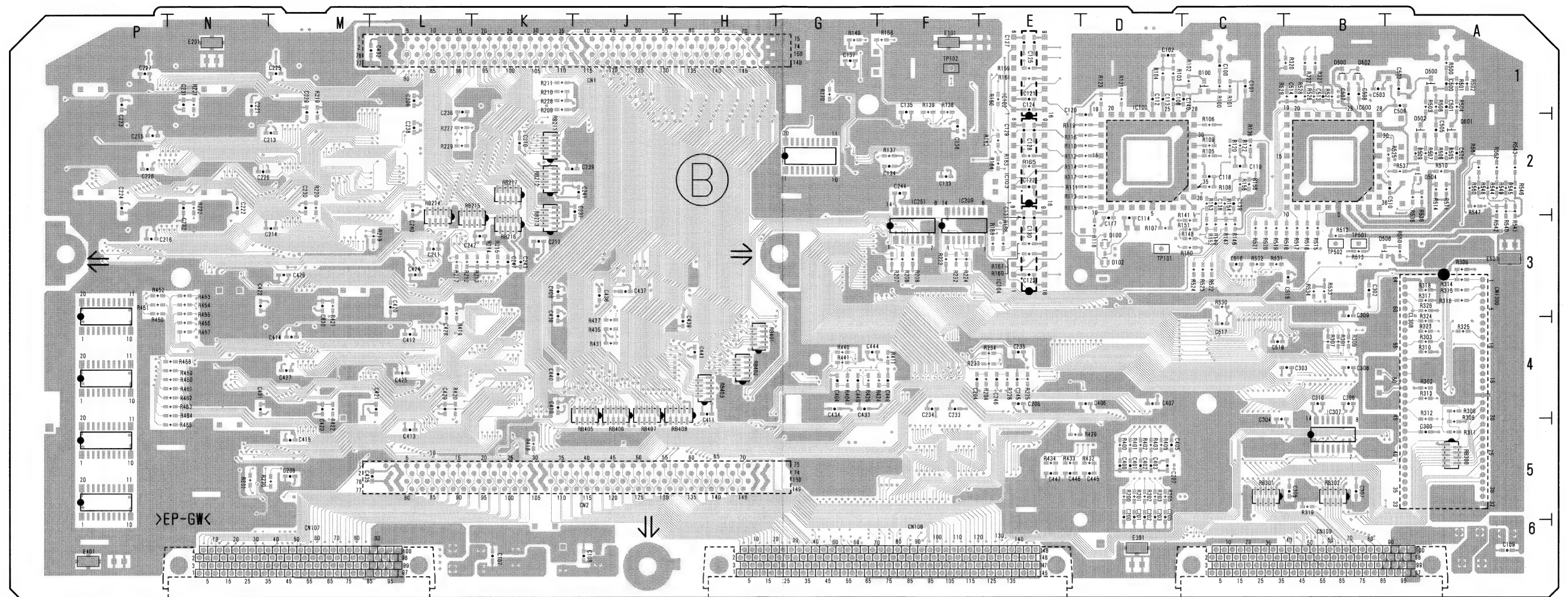
SDI-8 -A SIDE-  
SUFFIX : -14  
MODEL DSR-85/85P

SDI-8 (1-662-902-14)

\*: B SIDE

CN1	L1	E501	* A3	IC203	P1	IC407	E5	Q100	* C1	RB402	* H4
CN2	L5			IC204	P2	IC408	G4	Q101	C2	RB403	* H4
CN11	P4	FB100	D3	IC206	D5	IC409	G5	Q102	G1	RB404	K5
CN100	C1	FB101	D3	IC207	M5	IC410	G5	Q500	* A1	RB405	* J4
CN107	N6	FB102	E2	IC208	E4	IC500	B2	Q501	* A2	RB406	* J4
CN108	H6	FB500	A1	IC209	* F3	IC501	C3	Q502	* A2	RB407	* J4
CN109	C6	FB501	A2	IC210	E5	IC502	A3	Q503	A2	RB408	* H4
CN500	A1	FB502	B1	IC211	F5	IC503	A2	Q504	* A2	RB500	C4
		FB503	B1	IC212	F5			Q506	* B3	RB501	C4
				IC251	* F3					RB502	C3
D100	* D3			IC300		L100	K6	RB101	G2		
D101	G1	FL200	F5	IC301	B4	L101	K6	RB102	G2	RV100	C2
D102	* D3	FL201	F5	IC302	B5	L102	A6	RB200	M6	RV500	A2
D103	F1	FL202	E5	IC303	C4	L103	G1	RB201	N6		
D500	* B1			IC304	C5	L200	N1	RB210	L3	S301	B1
D501	A3	IC100	C2	IC305	C5	L201	N2	RB211	* K2		
D502	* B1	IC101	C2	IC306	B5	L202	P1	RB212	* K2	TP101	D3
		IC102	E1	IC307	* B5	L203	P2	RB213	* K3	TP102	F1
E100	E1	IC103	E2	IC308	B4	L400	M3	RB214	* L3	TP501	B3
E101	* F1	IC104	E3	IC309	C6	L401	M4	RB215	* K3	TP502	B3
E200	N1	IC105	F2	IC400	J4	L402	N3	RB216	* K3		
E201	* N1	IC106	G1	IC401	L3	L403	N5	RB217	* K2	X300	B4
E300	D6	IC107	C3	IC402	I4	L500	A2	RB300	* A5		
E301	* D6	IC110	C3	IC403	M3			RB301	* C5		
E400	P6	IC200	K2	IC404	M4	PS100	L6	RB302	* B5		
E401	* P6	IC201	M1	IC406	D5	PS101	K6	RB401	* H4		
E500	A3	IC202	M2			PS102	A6				





**SDI-8 -B SIDE-**  
SUFFIX : -14  
MODEL DSR-85/85P







SE-315 : S REEL FG SENSOR  
SE-361 : T REEL FG SENSOR



**SE-315 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P



**SE-361 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

SE-315 (1-662-914-11)

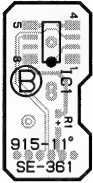
\*: B SIDE  
CN61     A1  
IC1     \* A1



**SE-315 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

SE-361 (1-662-915-11)

\*: B SIDE  
CN61     A1  
IC1     \* A1

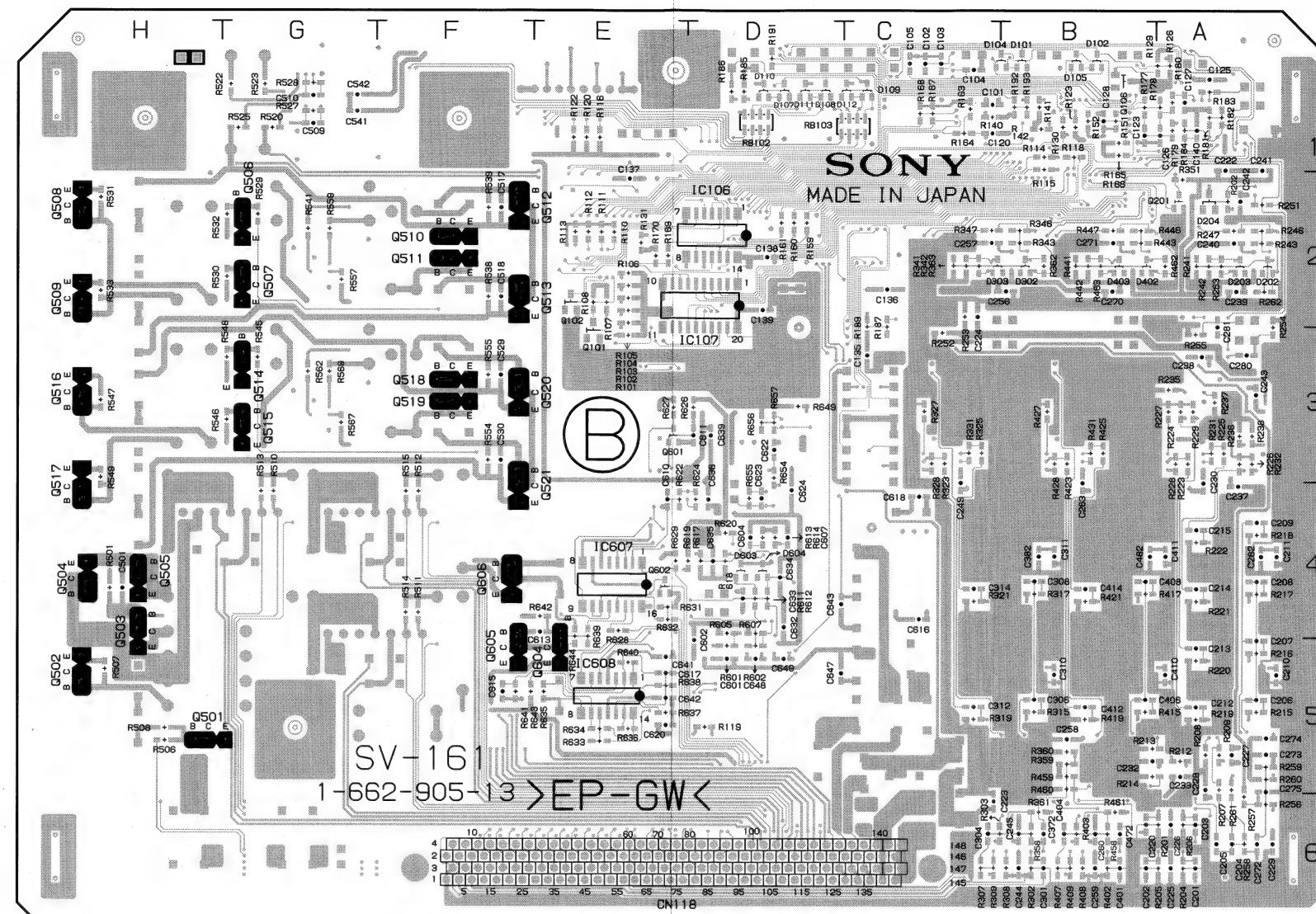


**SE-361 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P





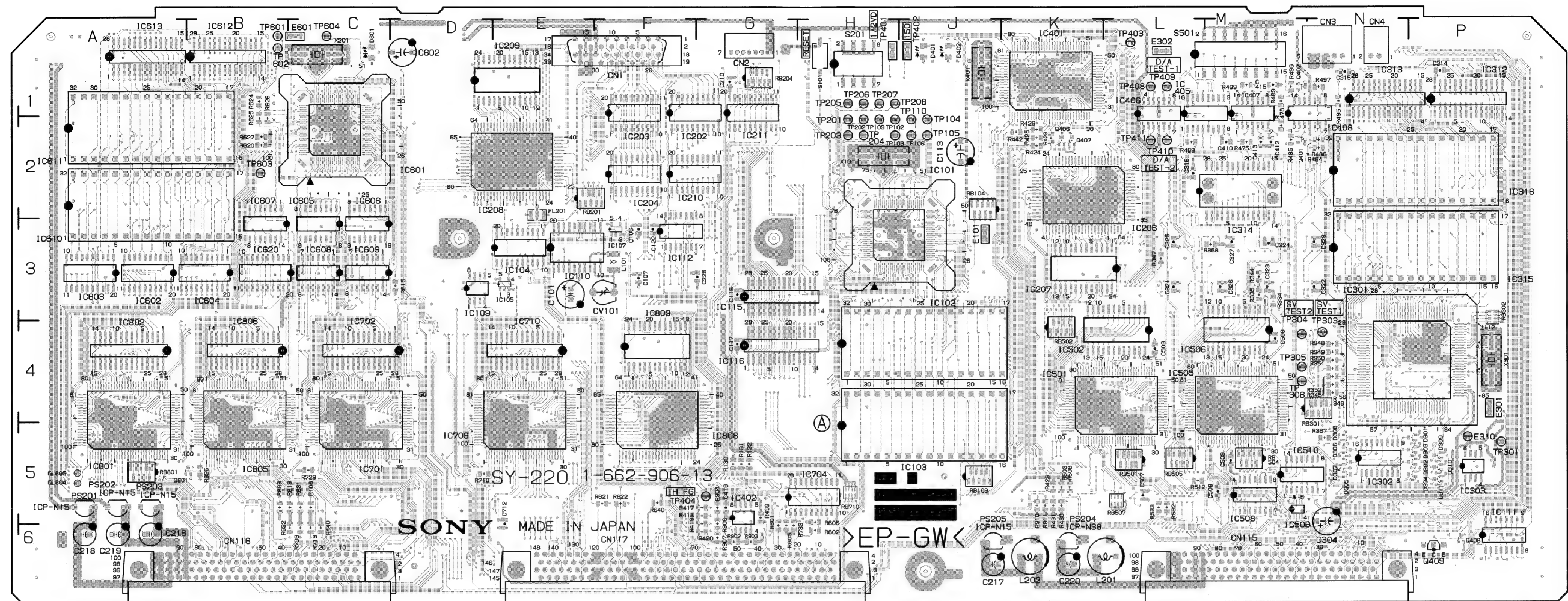




**SV-161 -B SIDE-**  
SUFFIX : -13  
MODEL DSR-85/85P



## SY-220 : SYSTEM CONTROL



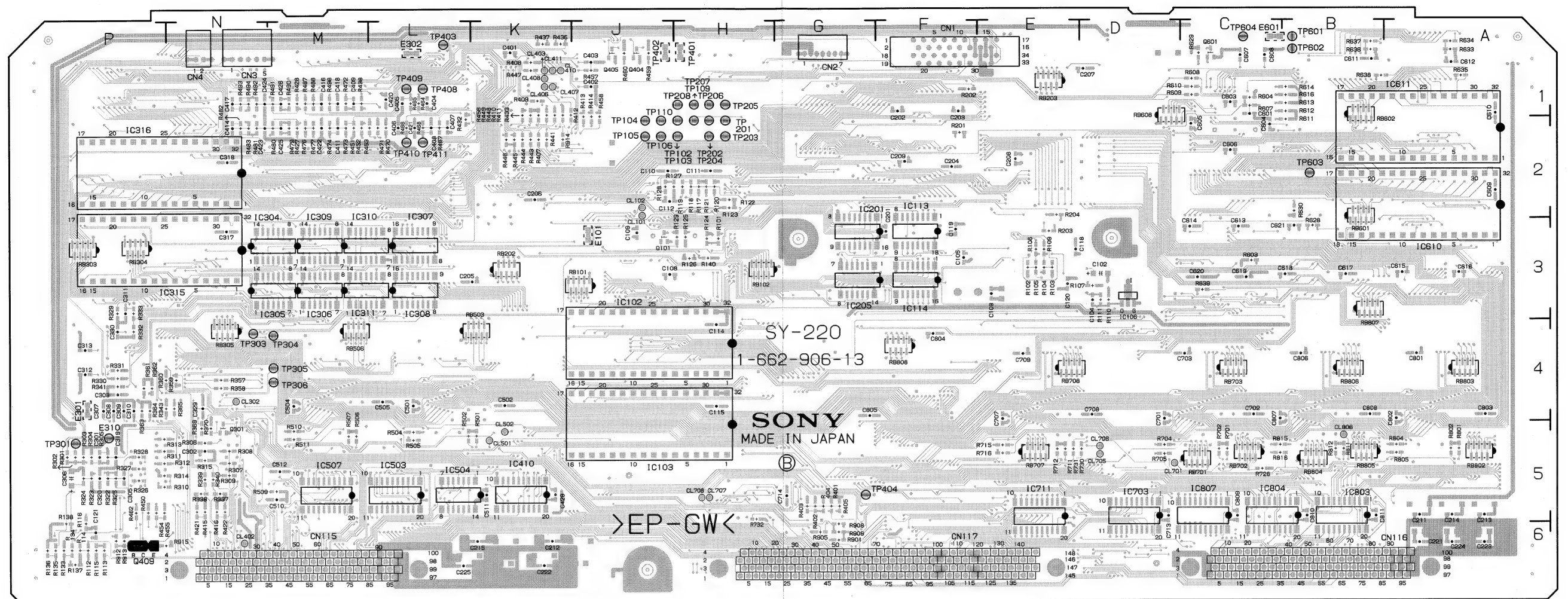
**SY-220 -A SIDE-**  
 SUFFIX : -13  
 MODEL DSR-85/85P

SY-220 (1-662-906-13)

\*: B SIDE

CNI102	H4	D309	P5	IC112	F3	IC310	* M3	IC602	A3	IC806	B4	Q601	* C1	RB607	* B3	TP303	N4
CNI103	H5	D310	P5	IC113	* F3	IC311	* M3	IC603	A3	IC807	* C5	Q801	B5	RB608	* D1	TP304	M4
CNI315	N3	D311	P5	IC114	* F3	IC312	P1	IC604	B3	IC808	F4			RB701	* C5	TP305	M4
CNI316	N2	D401	J1	IC115	G3	IC313	N1	IC605	C3	IC809	F4	RB101	* J3	RB702	* C5	TP306	M4
CNI610	A3	D402	J1	IC116	G4	IC314	M2	IC606	C3			RB102	* H3	RB703	* C4	TP401	H1
CNI611	A2	D601	C1	IC201	* G3	IC315	N3	IC607	B3	L101	F3	RB103	* J5	RB707	* E5	TP402	J1
				IC202	F1	IC316	N2	IC608	C3	L201	L6	RB104	J2	RB708	* E4	TP408	L1
CN1	F1	E101	J3	IC203	F1	IC401	K1	IC609	C3	L202	K6	RB201	E2	RB710	H5	TP409	L1
CN2	G1	E301	P4	IC204	F2	IC402	G5	IC610	A3			RB202	* K3	RB801	A5	TP410	L2
CN3	N1	E302	L1	IC205	* G3	IC405	M1	IC611	A2	PS201	A5	RB203	* E1	RB802	* A5	TP601	B1
CN4	N1	E310	P5	IC206	K2	IC406	L1	IC612	B1	PS202	A5	RB204	G1	RB803	* A4	TP602	B1
CNI115	N6	E601	C1	IC207	K3	IC407	M1	IC613	A1	PS203	A5	RB301	N4	RB804	* B5	TP603	B2
CNI116	C6			IC208	E2	IC408	N1	IC620	B3	PS204	K6	RB302	P3	RB805	* B5	TP604	C1
CNI117	H6	FL201	E2	IC209	E1	IC410	* K5	IC701	C4	PS205	J6	RB303	* P3	RB806	* B4		
				IC210	F2	IC501	L4	IC702	C4			RB304	* P3	RB808	* F4		
CV101	F3	IC101	J3	IC211	G1	IC502	L4	IC703	* D5	Q101	* J3	RB305	* N4			X101	H2
		IC102	H4	IC301	P4	IC503	* L5	IC704	H5	Q301	* N5	RB501	L5	S101	H1	X201	C1
D301	P5	IC103	H5	IC302	N5	IC504	* L5	IC709	E4	Q401	M2	RB502	K4	S201	H1	X301	P4
D302	P5	IC104	E3	IC303	P5	IC505	M4	IC710	E4	Q402	M1	RB503	* K4	S501	M1	X401	J1
D303	P5	IC105	E3	IC304	* M3	IC506	M4	IC711	* E5	Q404	* J1	RB504	M5				
D304	P5	IC106	* D3	IC305	* M3	IC507	* M5	IC801	A4	Q405	* J1	RB505	L5	TP104	J2		
D305	N5	IC107	F3	IC306	* M3	IC508	M5	IC802	A4	Q406	K2	RB506	* M4	TP106	J2		
D306	N5	IC109	D3	IC307	* L3	IC509	M5	IC803	* B5	Q407	K2	RB507	L5	TP109	H2		
D307	N5	IC110	E3	IC308	* L3	IC510	M5	IC804	* C5	Q408	P6	RB601	* B2	TP110	J2		
D308	N5	IC111	P6	IC309	* M3	IC601	C2	IC805	B4	Q409	P6	RB602	* B1	TP301	P5		

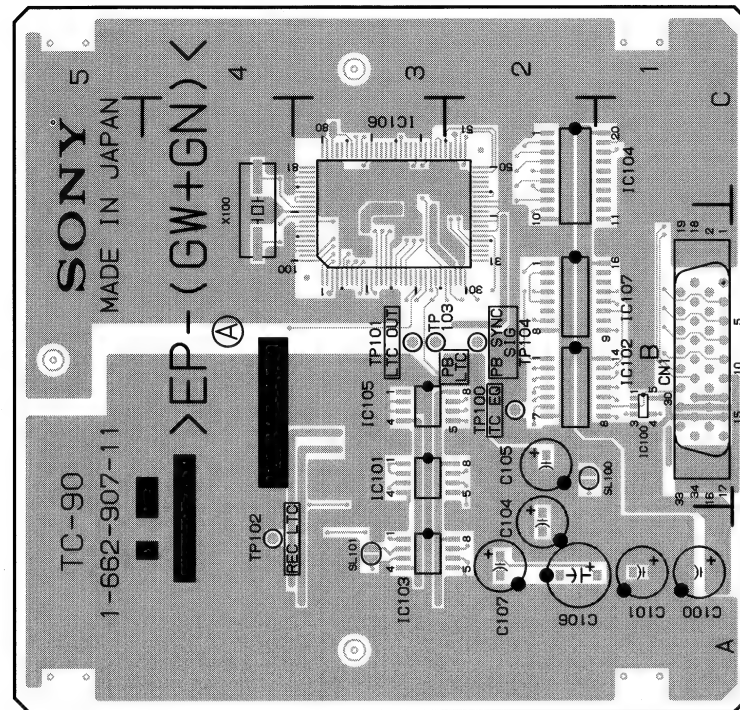




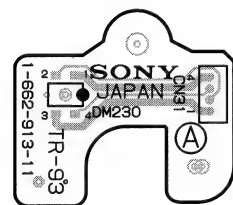
**SY-220 -B SIDE-**  
SUFFIX : -13  
MODEL DSR-85/85P



TC-90 : EXT TC  
TR-93 : TENSION SENSOR



**TC-90 -A SIDE-**  
SUFFIX : -11  
MODEL DSBK-130/130P



**TR-93 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

TC-90, TR-93      TC-90, TR-93

TC-90 (1-662-907-11)

\* : B SIDE

CN1      B1

D100      \* A2

D101 B3  
D102 \* B3

D103      \* B2  
D104      \* B2

D105 \* A3

IC100	B1
IC101	B3

IC102	B2
IC103	A3

IC104	C2
IC105	B3

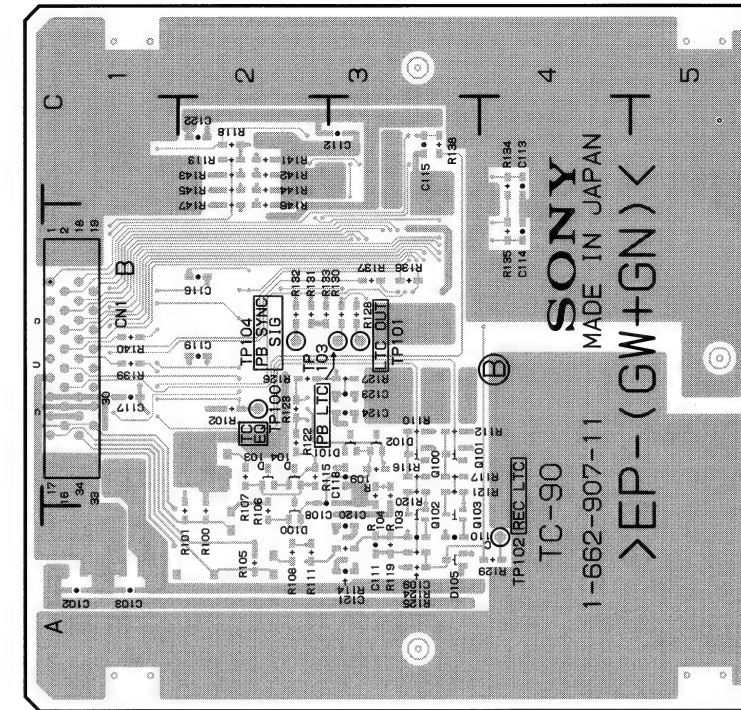
IC106	B3
IC107	B2

0100 \* B3

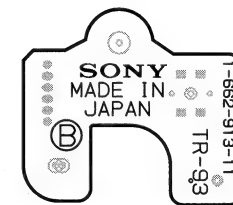
Q101 \* B3  
Q102 \* A3

Q103 \* A3

x100      B4



**TC-90 -B SIDE-**  
SUFFIX : -11  
MODEL DSBK-130/130P



**TR-93 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-85/85P

TR-93 (1-662-913-11)

\* : B SIDE

CN31      A1

DM230 A1



## SECTION 11

### SCHEMATIC DIAGRAMS

BOARD NAME	CIRCUIT FUNCTION	PAGE
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CC-75	CASSETTE COMPARTMENT DOWN 1/2/3 SENSOR CC UP/DOWN MOTOR CONNECTION	11-185
CC-76	CASSETTE IN 1/2/3 SENSOR	11-185
CP-276	ANALOG VIDEO IN/OUT, TC IN/OUT, AUDIO MONITOR	11-12
CP-281	ANALOG AUDIO IN/OUT, AES/EBU IN/OUT, BAL→UNBAL, AUDIO IN LEVEL SELECT	11-13
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DEN-5/5P	4:1:1 → 4:2:2 CONV, REF SIGNAL GEN, DA CONV, OUTPUT DRIVER	11-44
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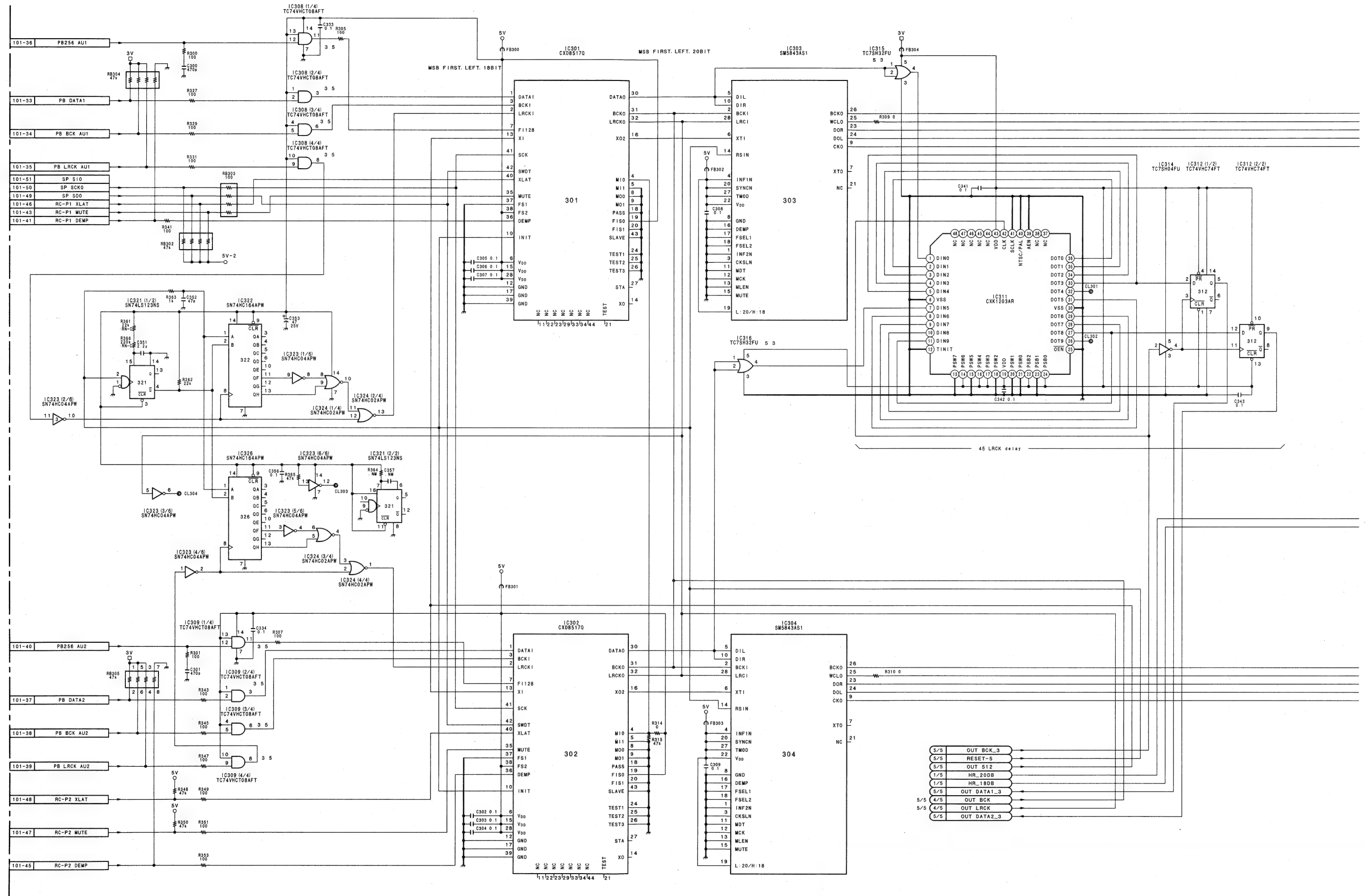


**AU-238 (1/5)**

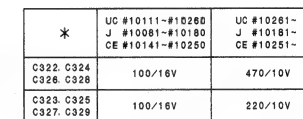




AU-238 (2/5) : AUDIO PROCESS









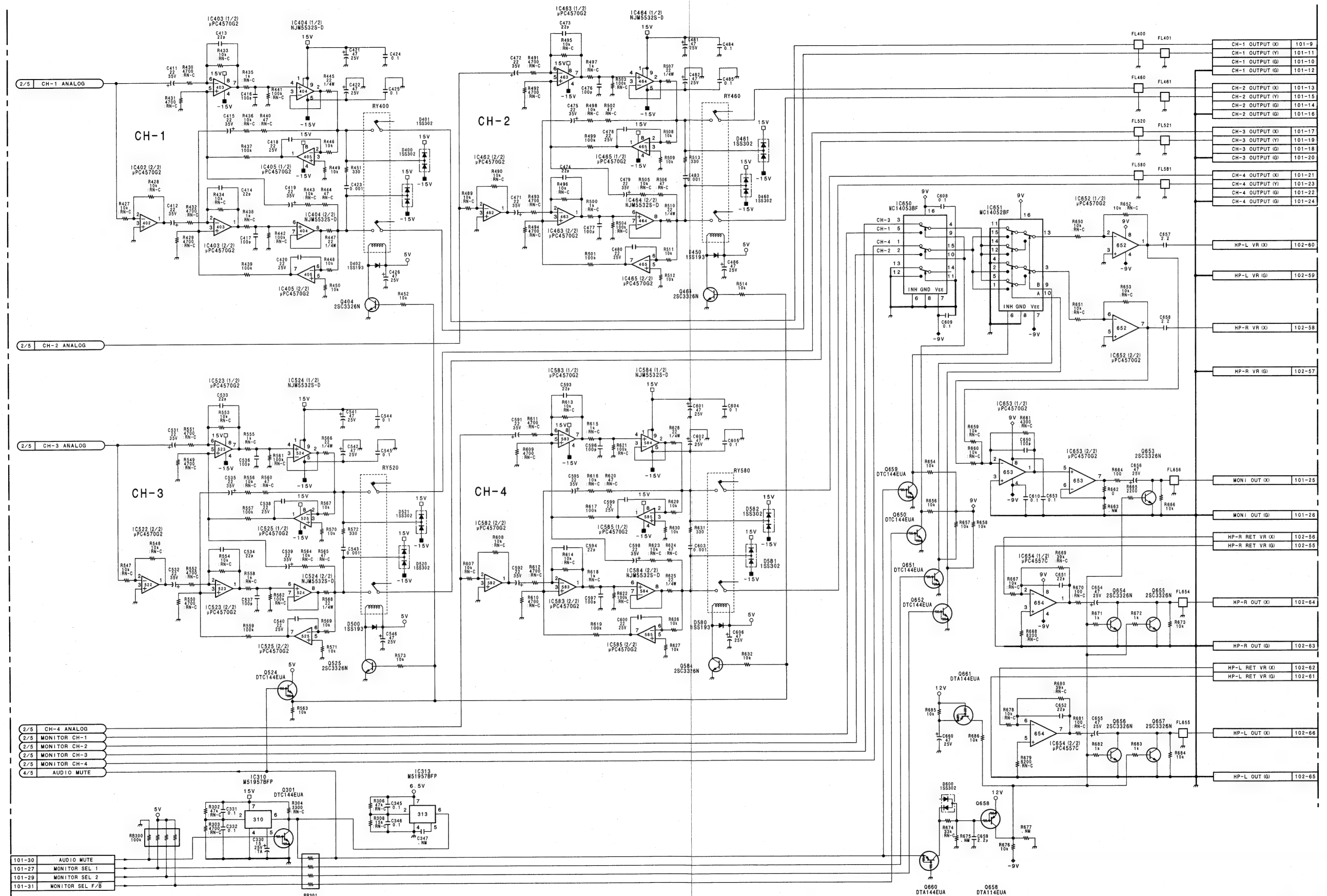




# AU-238 (3/5) : AUDIO PROCESS

AU-238 (3/5)

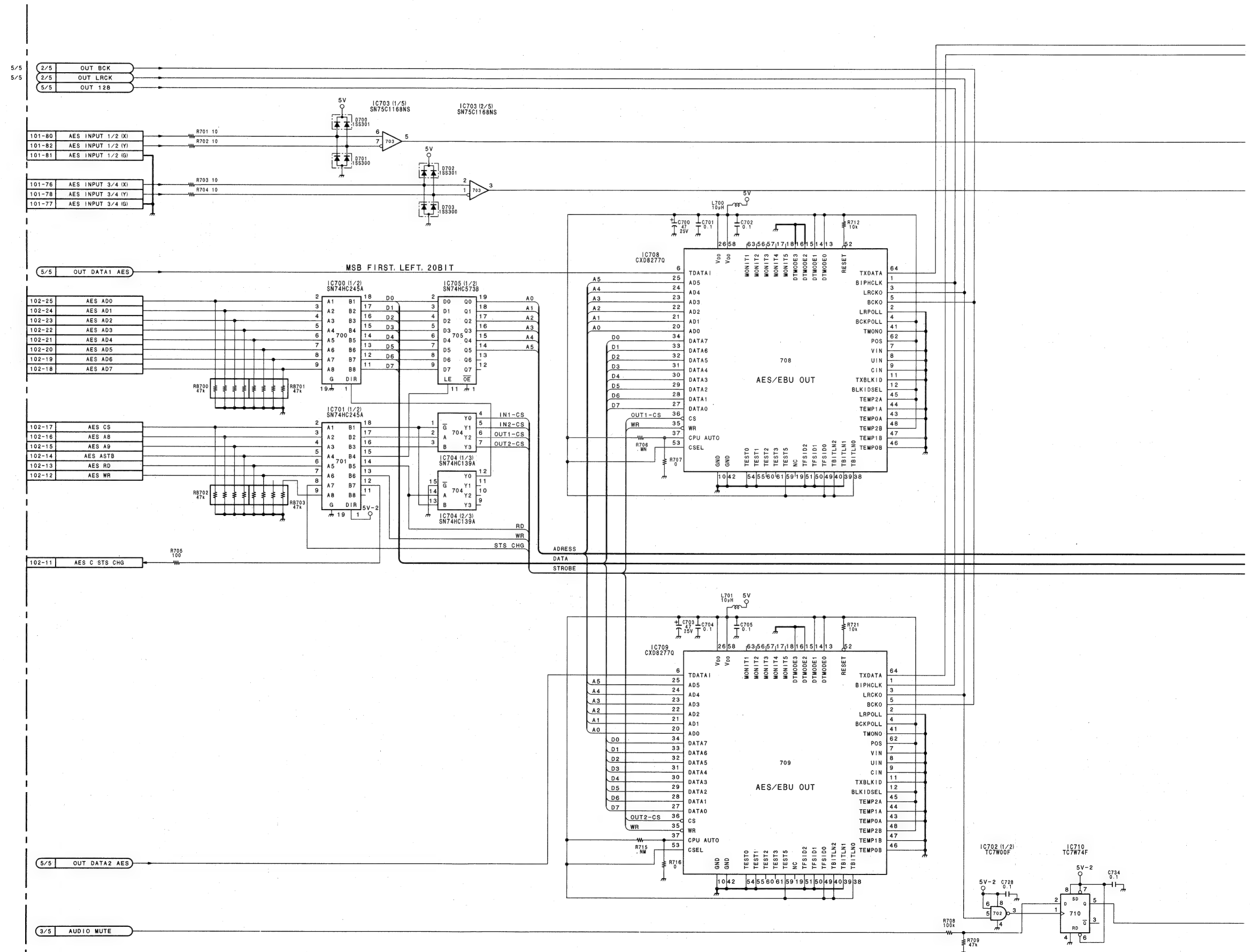
AU-238 (3/5)



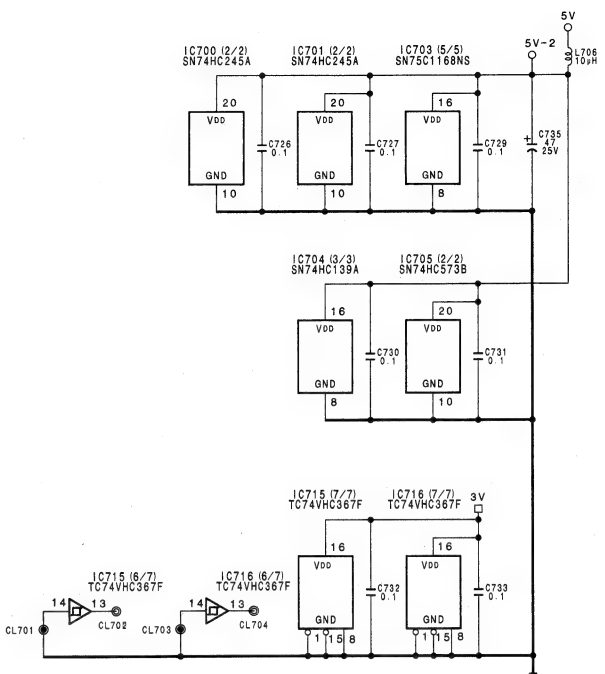
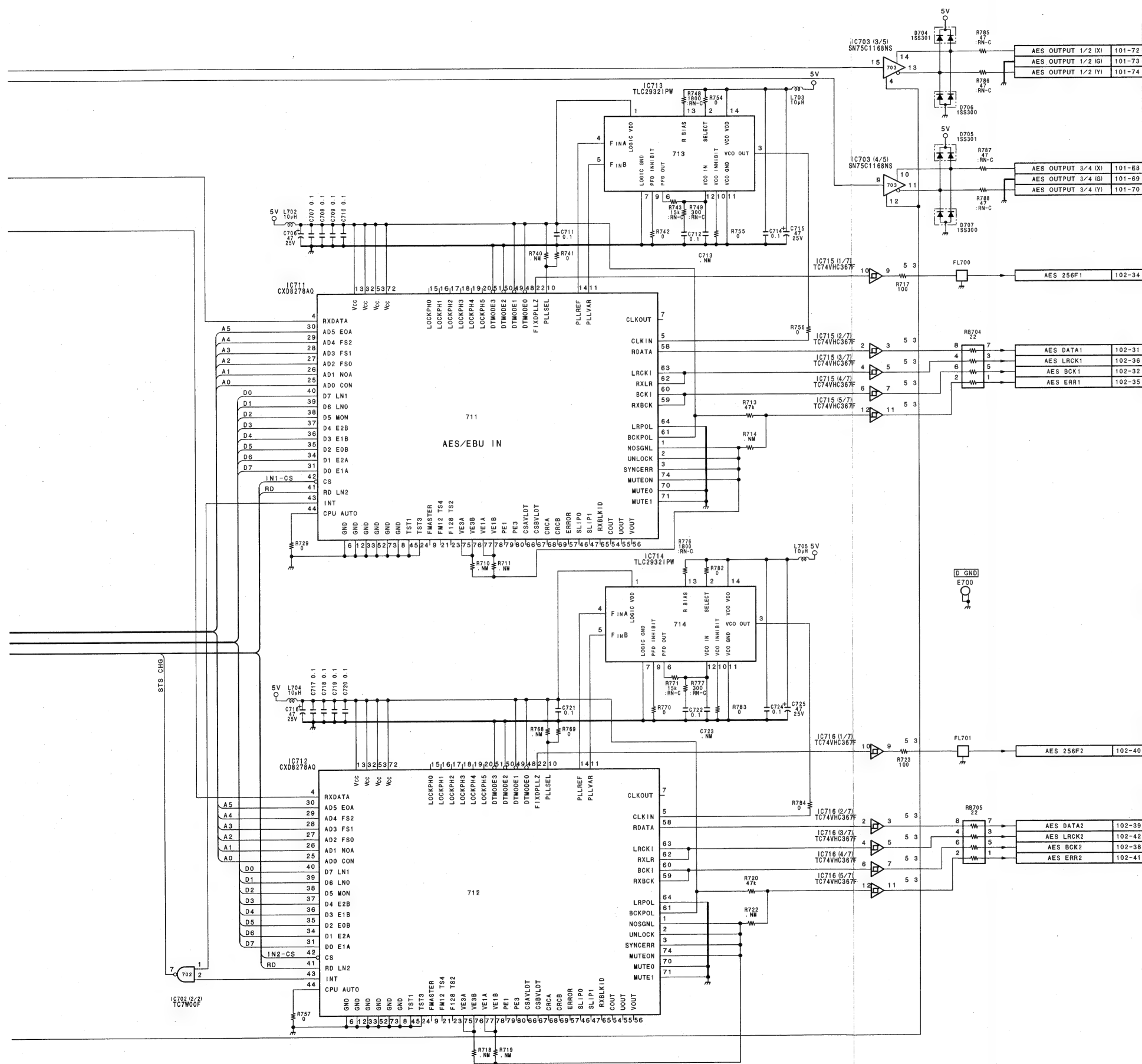
AU-238 (3/5)  
MODEL DSR-85/85P



## AU-238 (4/5) : AUDIO PROCESS



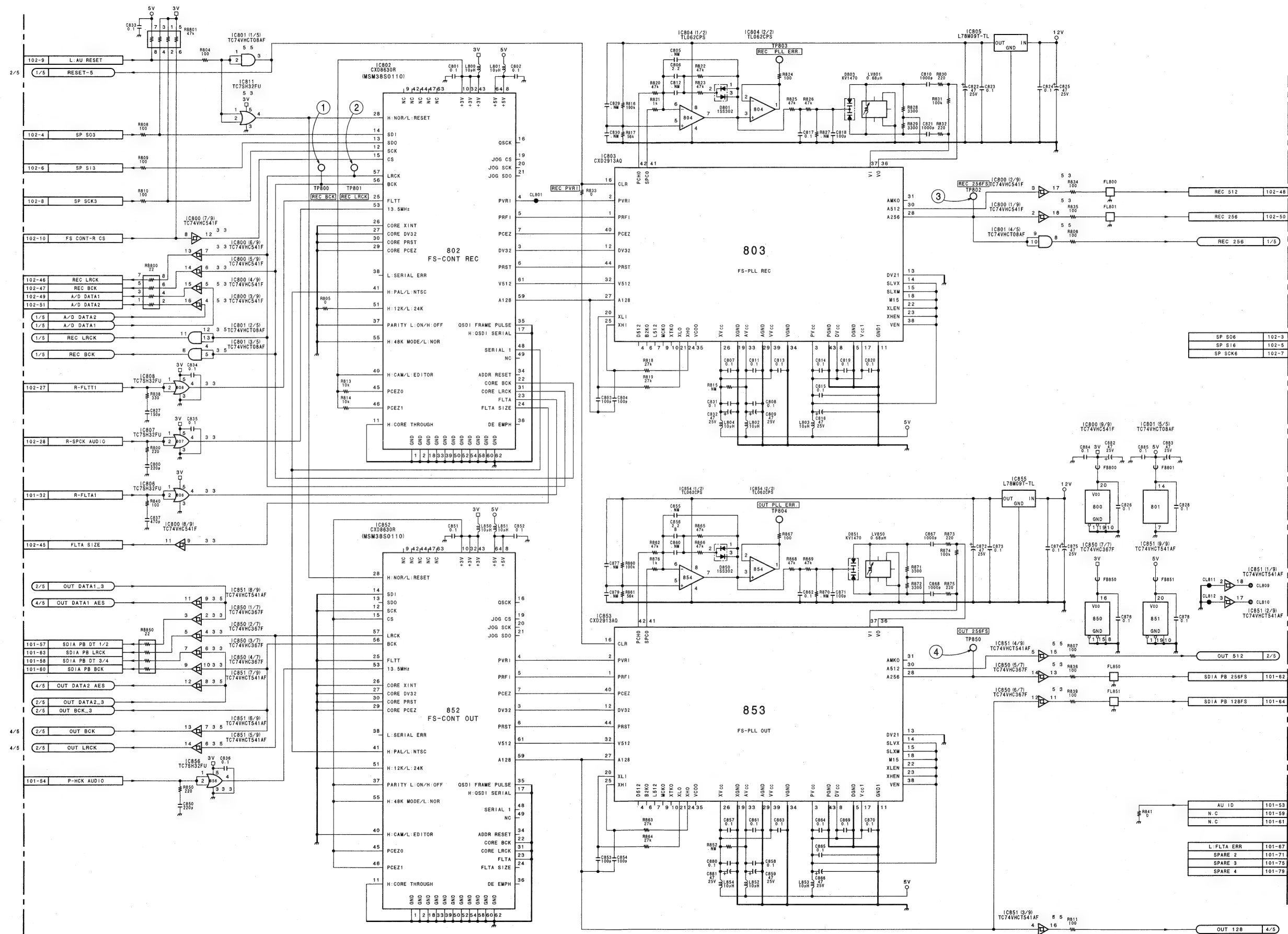




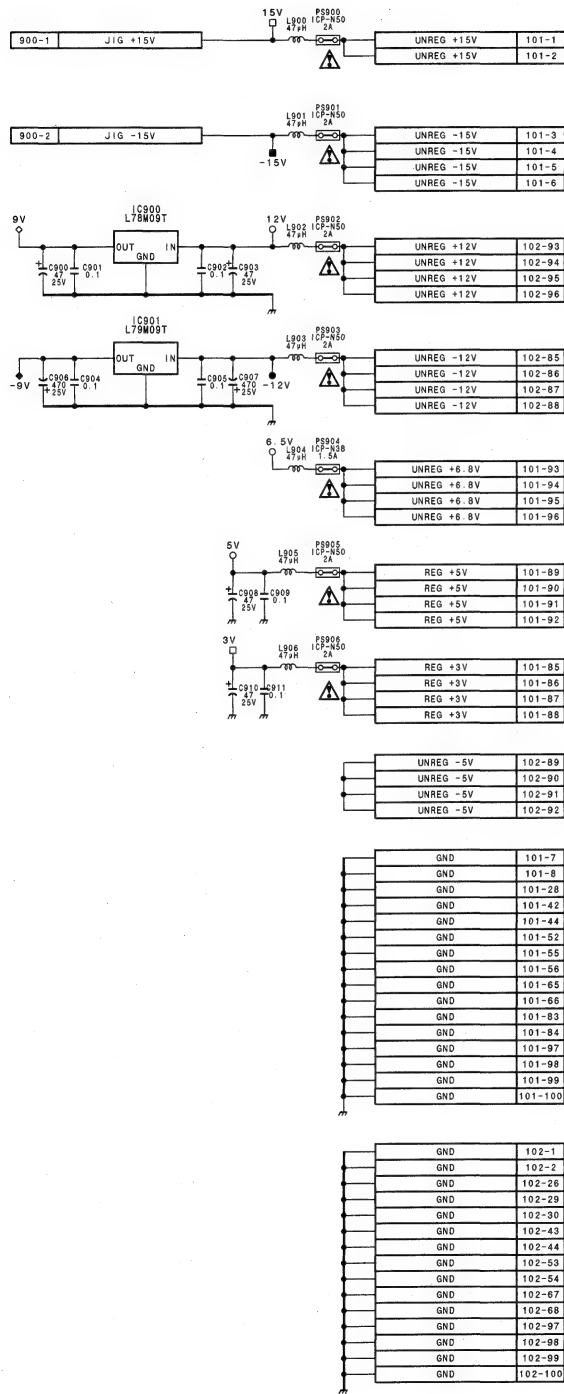
AU-238 (4/5)  
MODEL DSR-85/85P



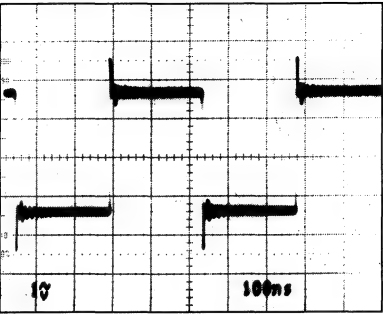
## AU-238 (5/5) : AUDIO PROCESS



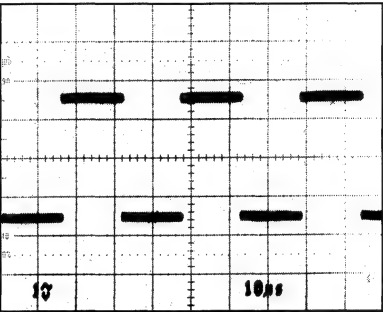




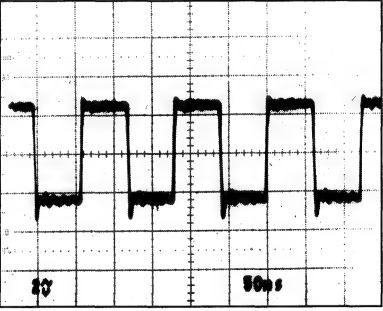
① TP800 MODE: REC



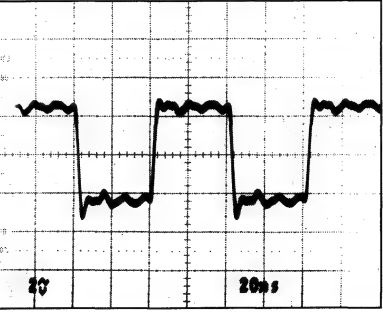
② TP801 MODE: REC



③ TP802 MODE: REC

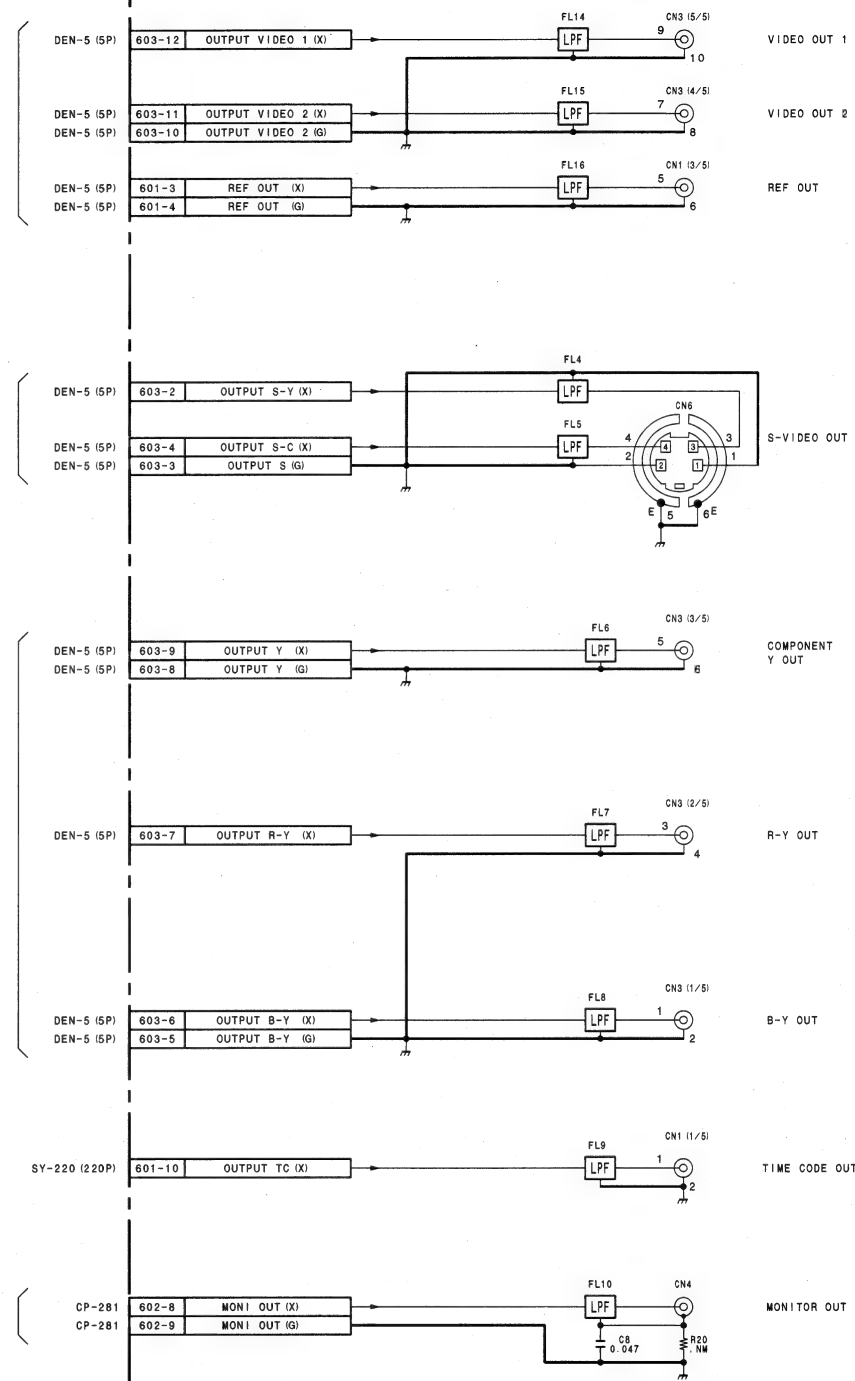
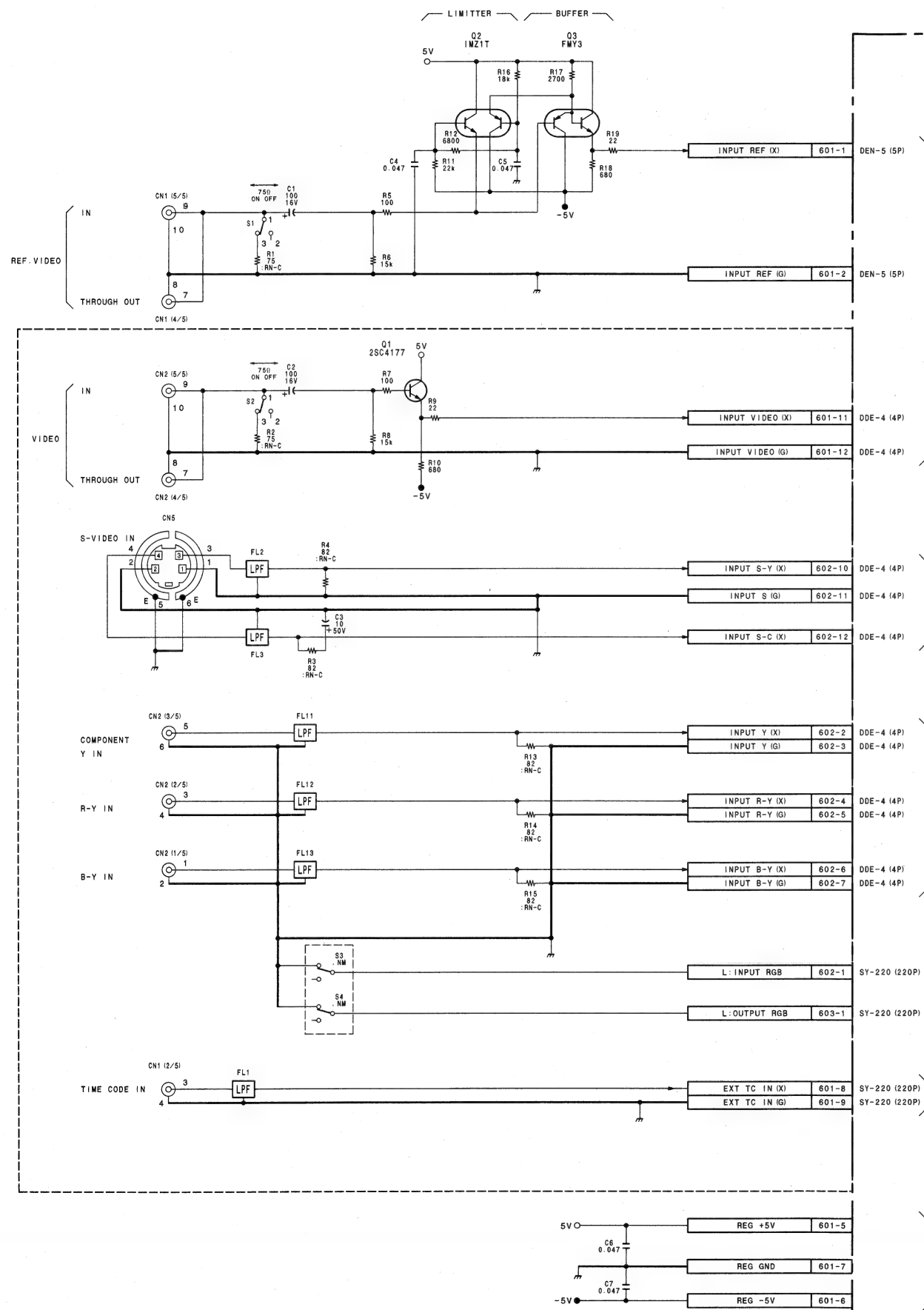


④ TP850 MODE: PB





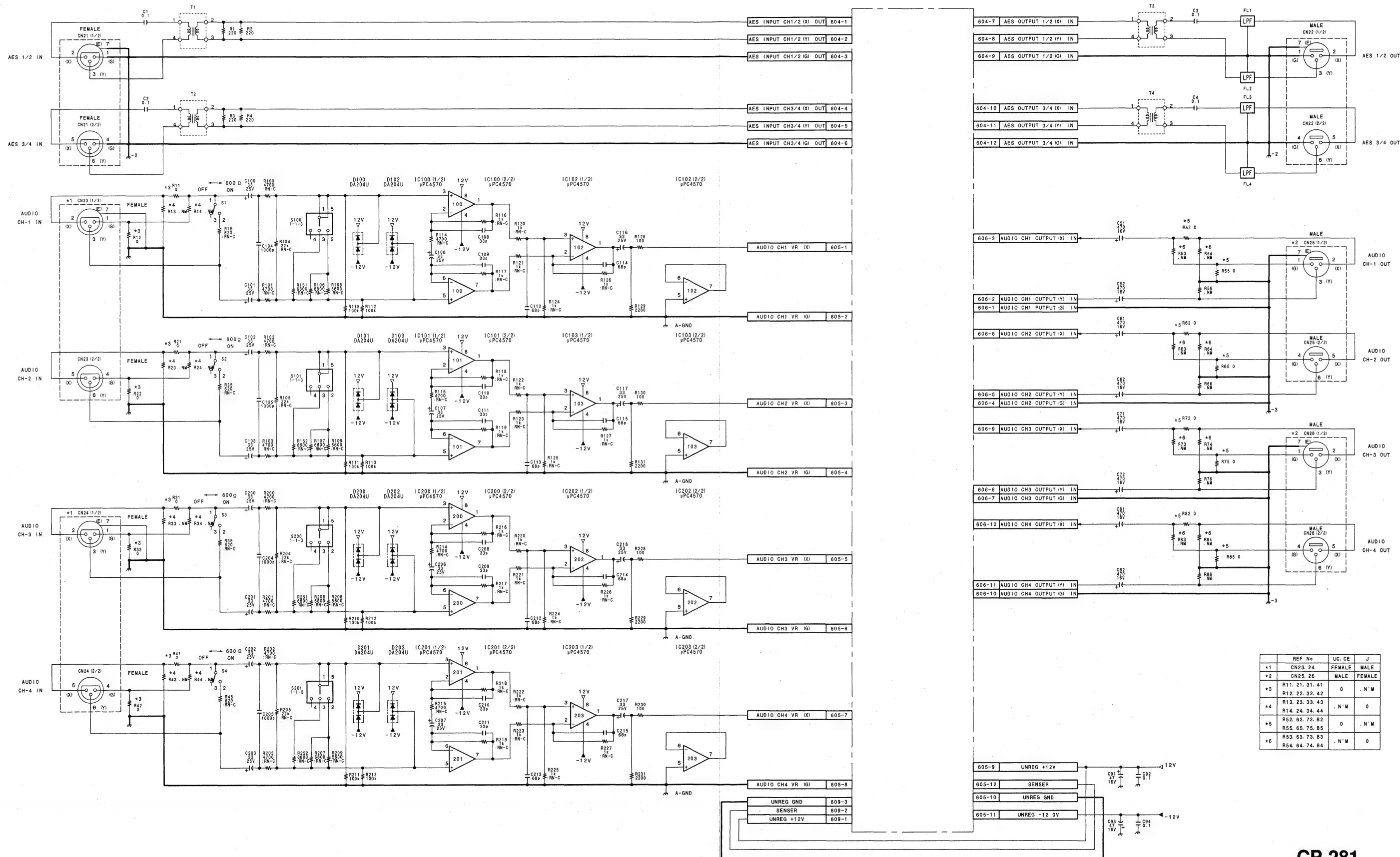
## CP-276 : VIDEO/TC CONNECTOR



CN601	12P	
CN602	12P	
CN603	12P	

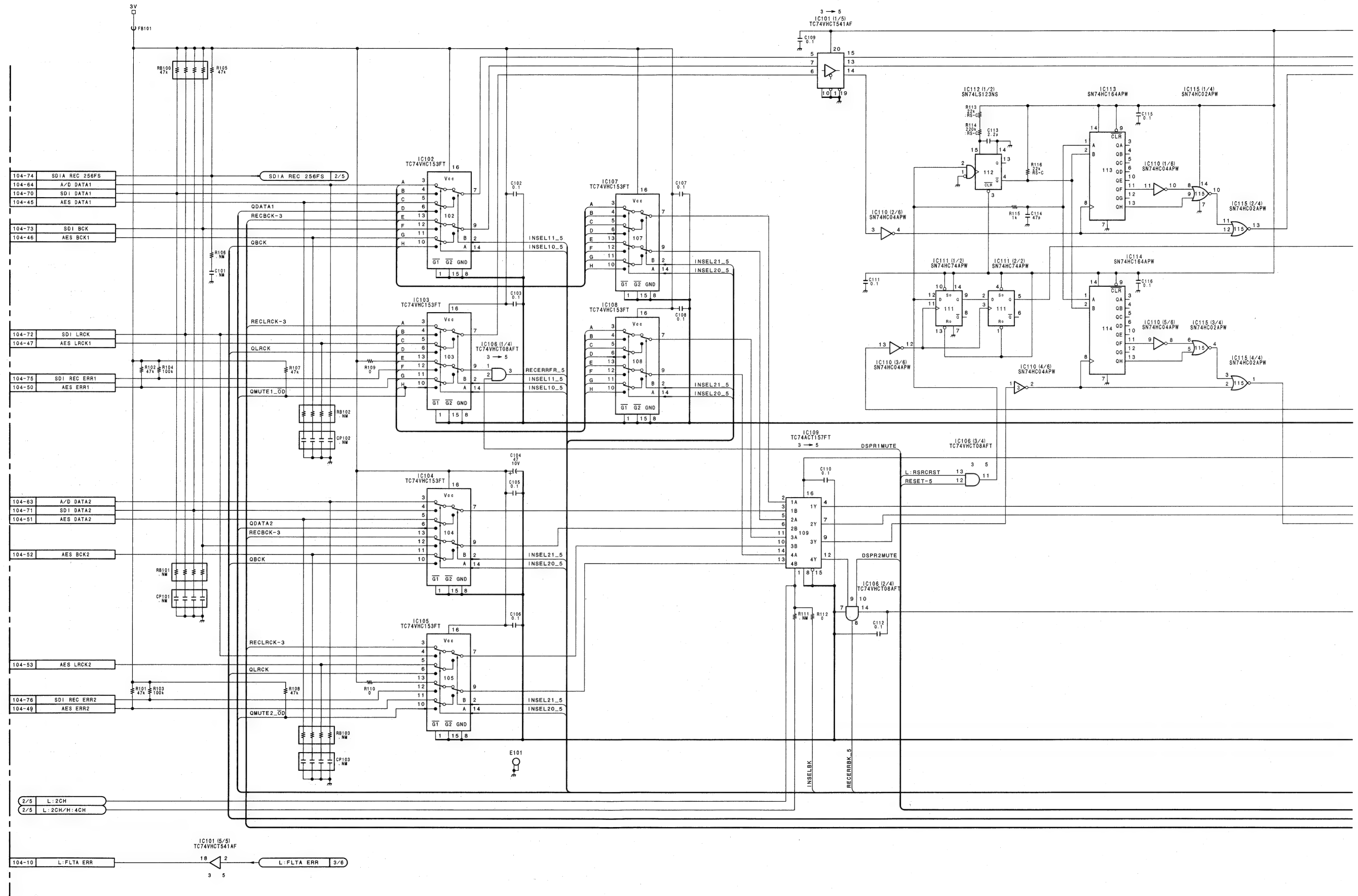


CP-281 : AUDIO IN/OUT CONNECTOR

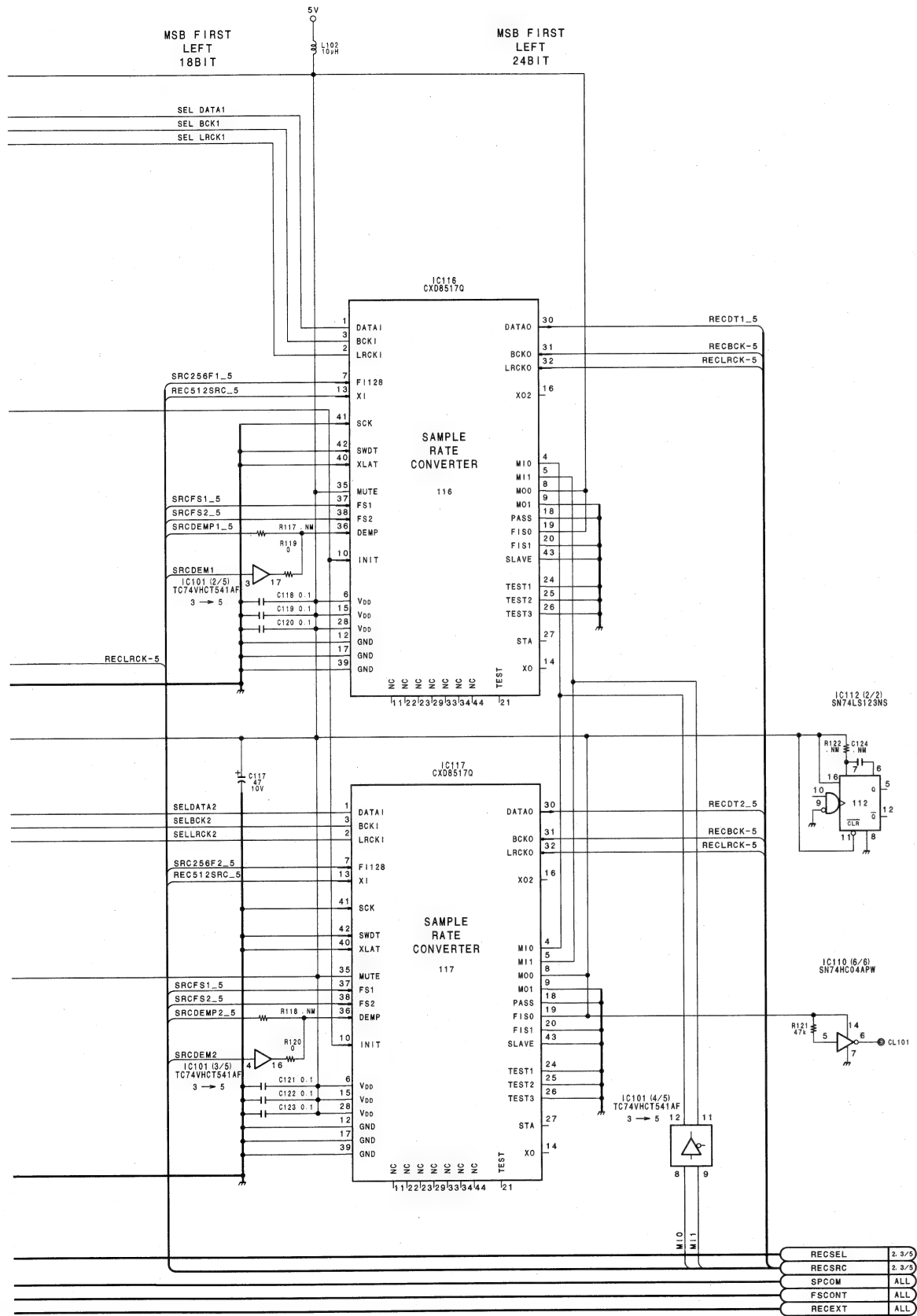




**DA-120 (1/6) : DIGITAL AUDIO PROCESS**

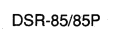




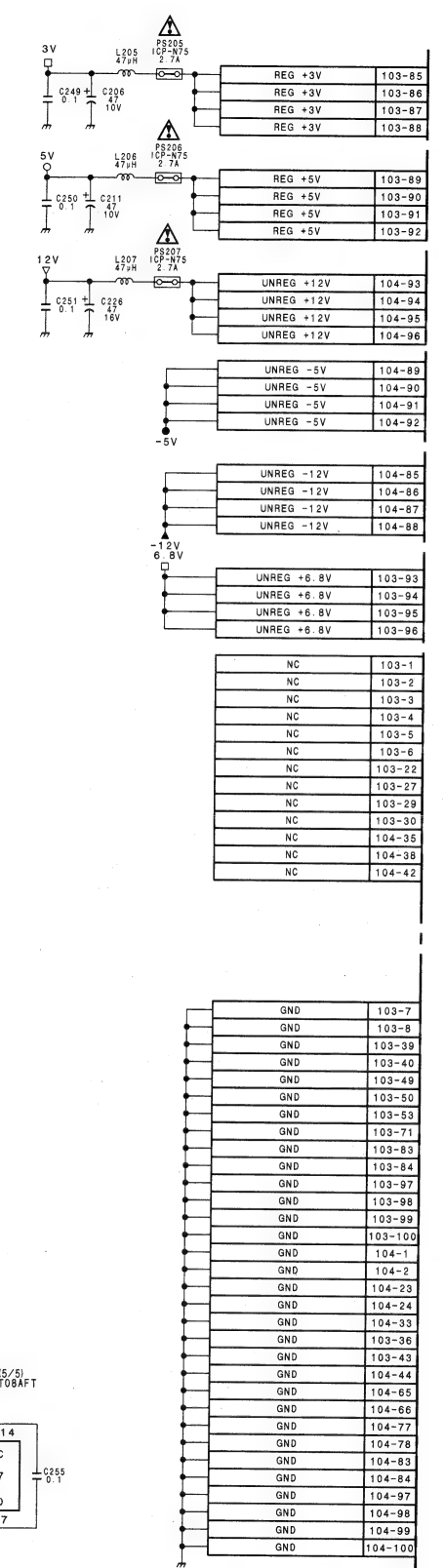




## DA-120 (2/6) : DIGITAL AUDIO PROCESS









DA-120 (3/6) : DIGITAL AUDIO PROCESS

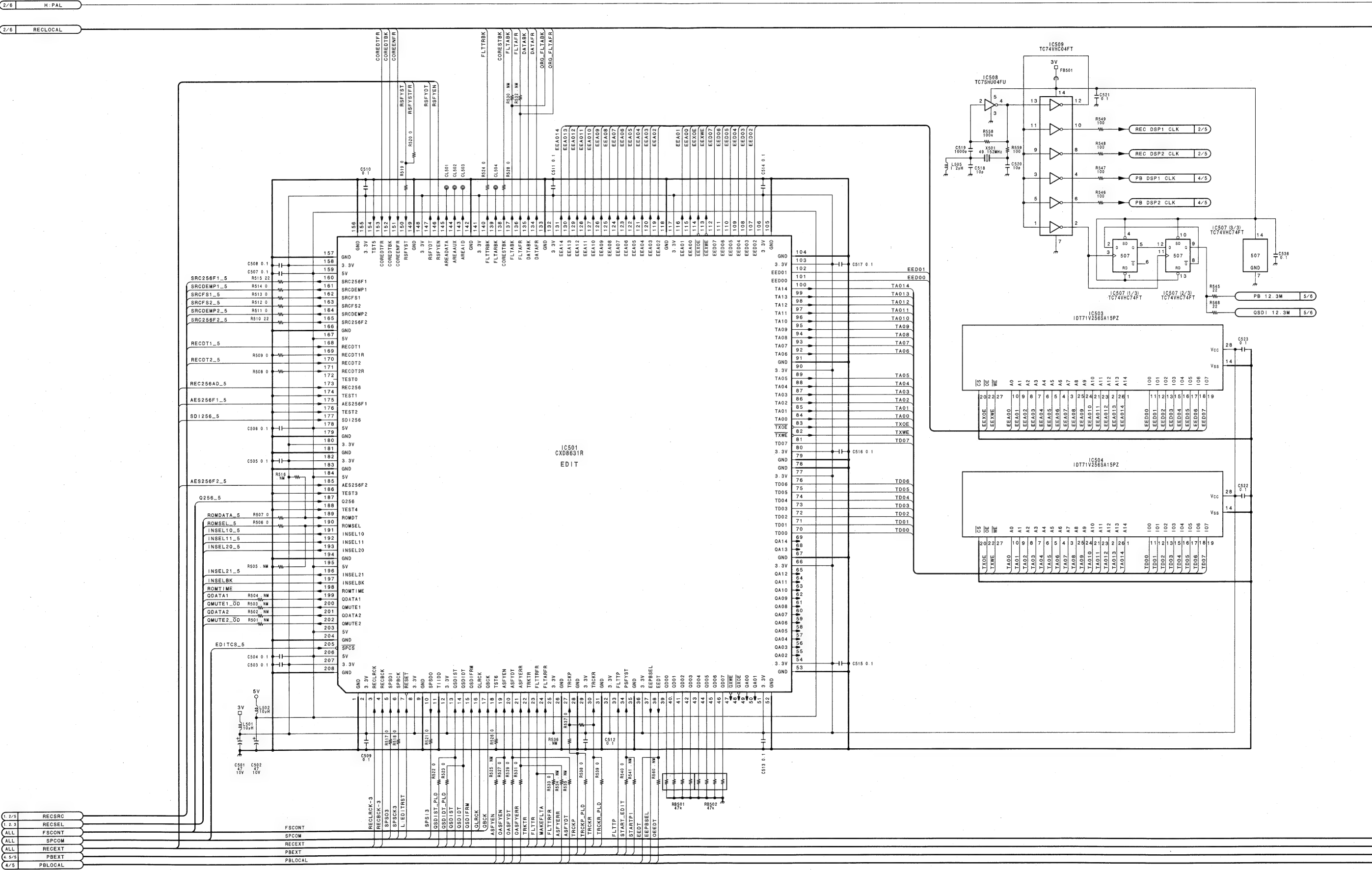
1

2

3

4

5

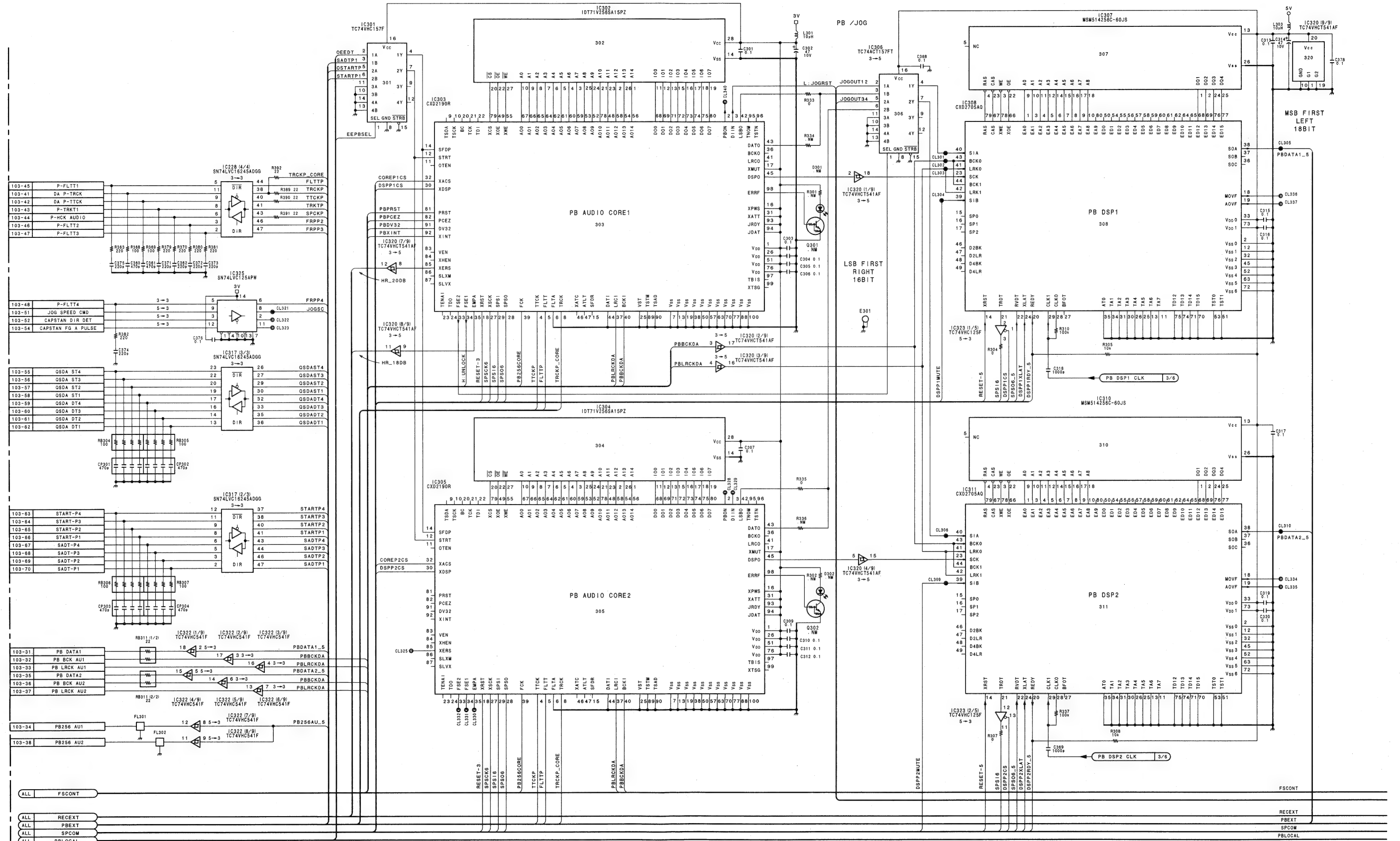








## DA-120 (4/6) : DIGITAL AUDIO PROCESS



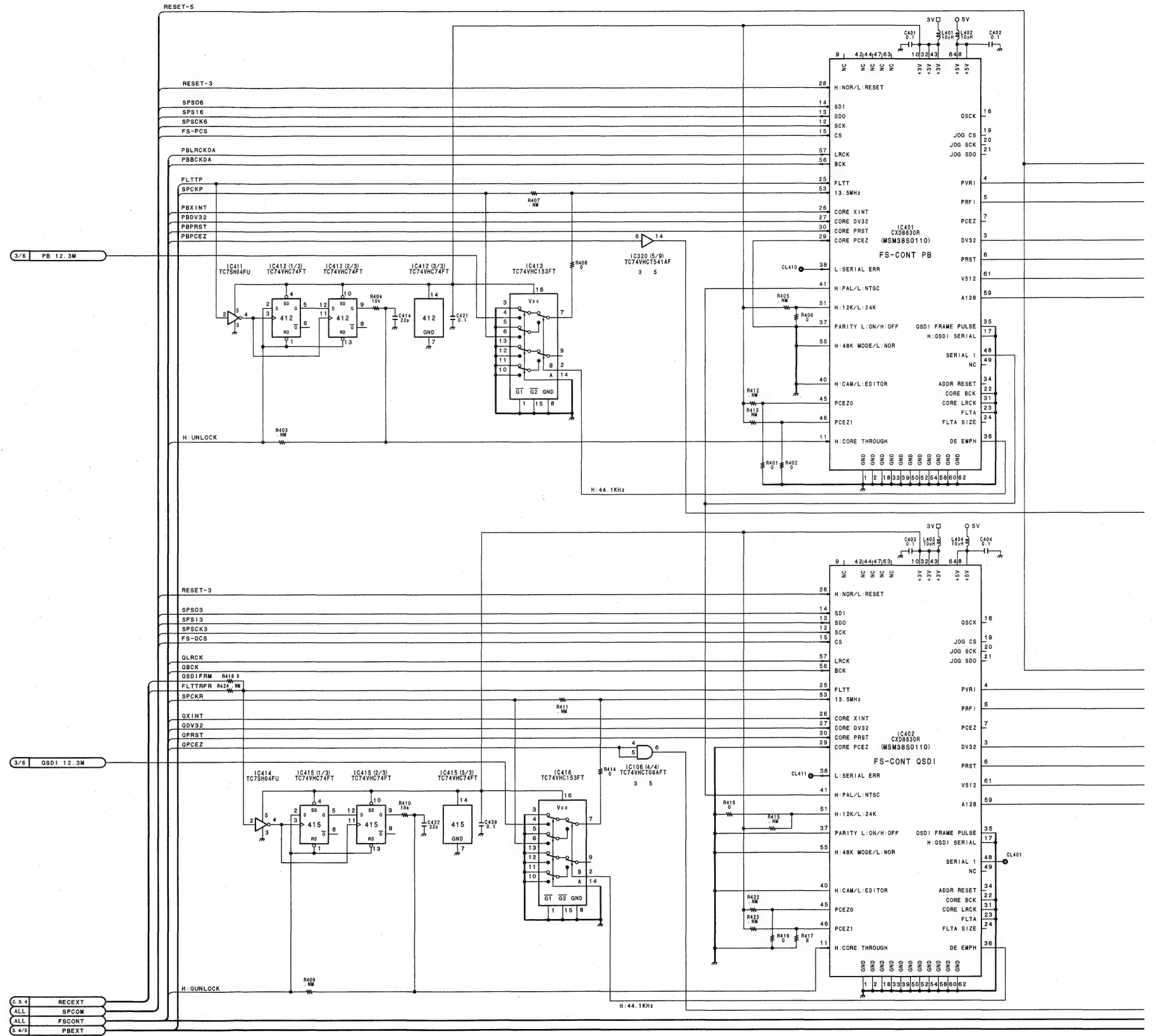
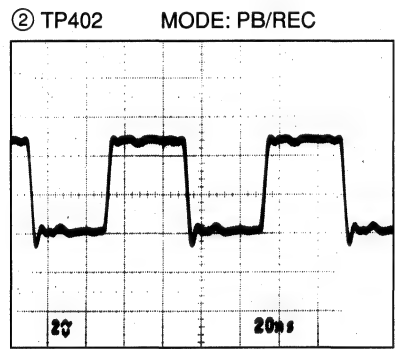
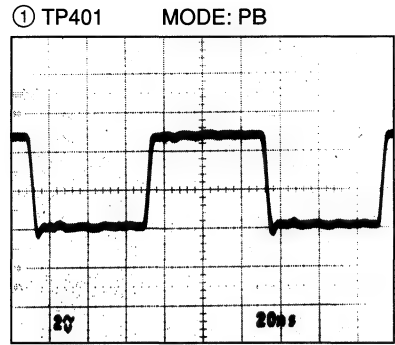




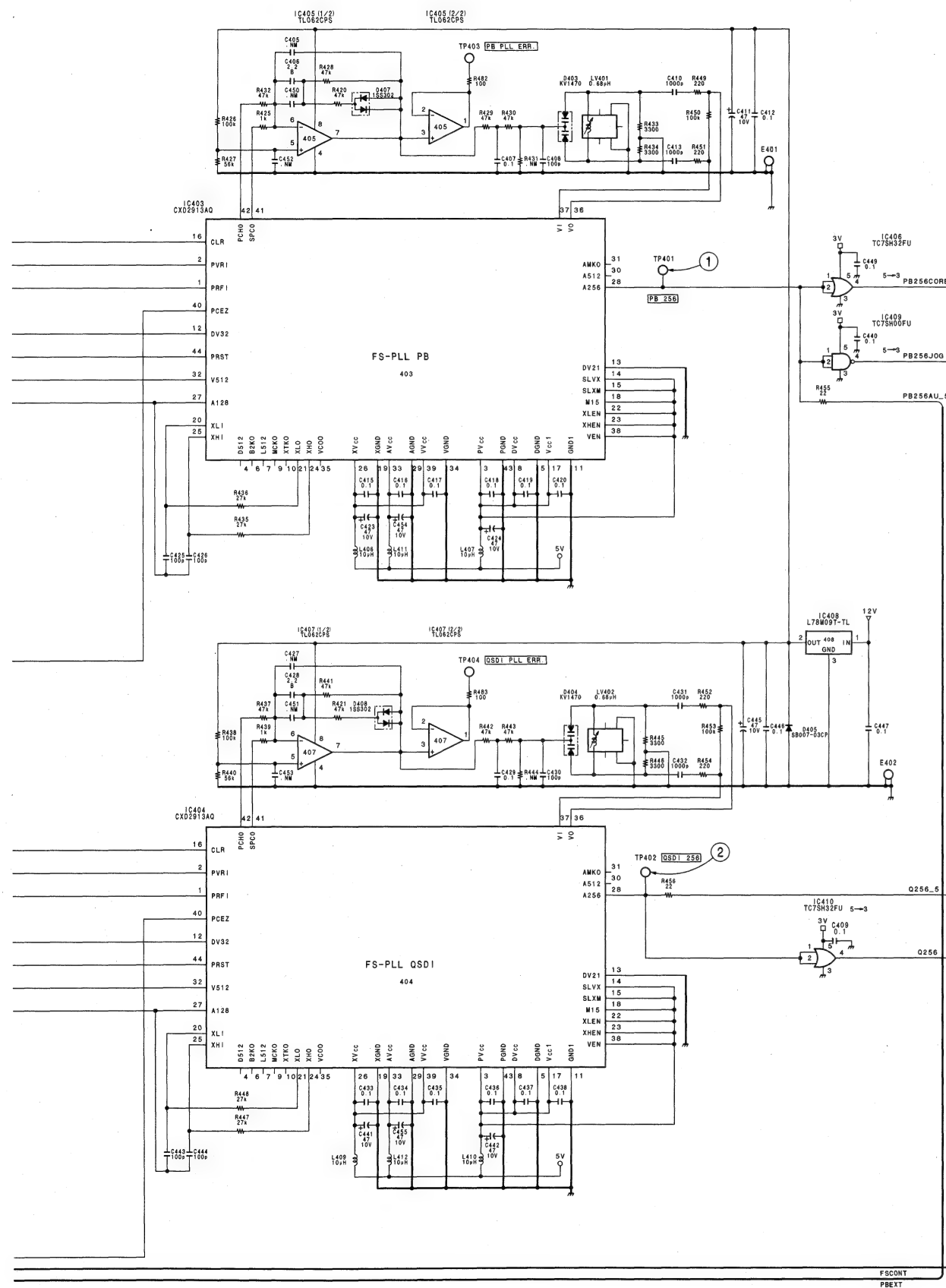


**DA-120 (5/6) : DIGITAL AUDIO PROCESS**

**5**

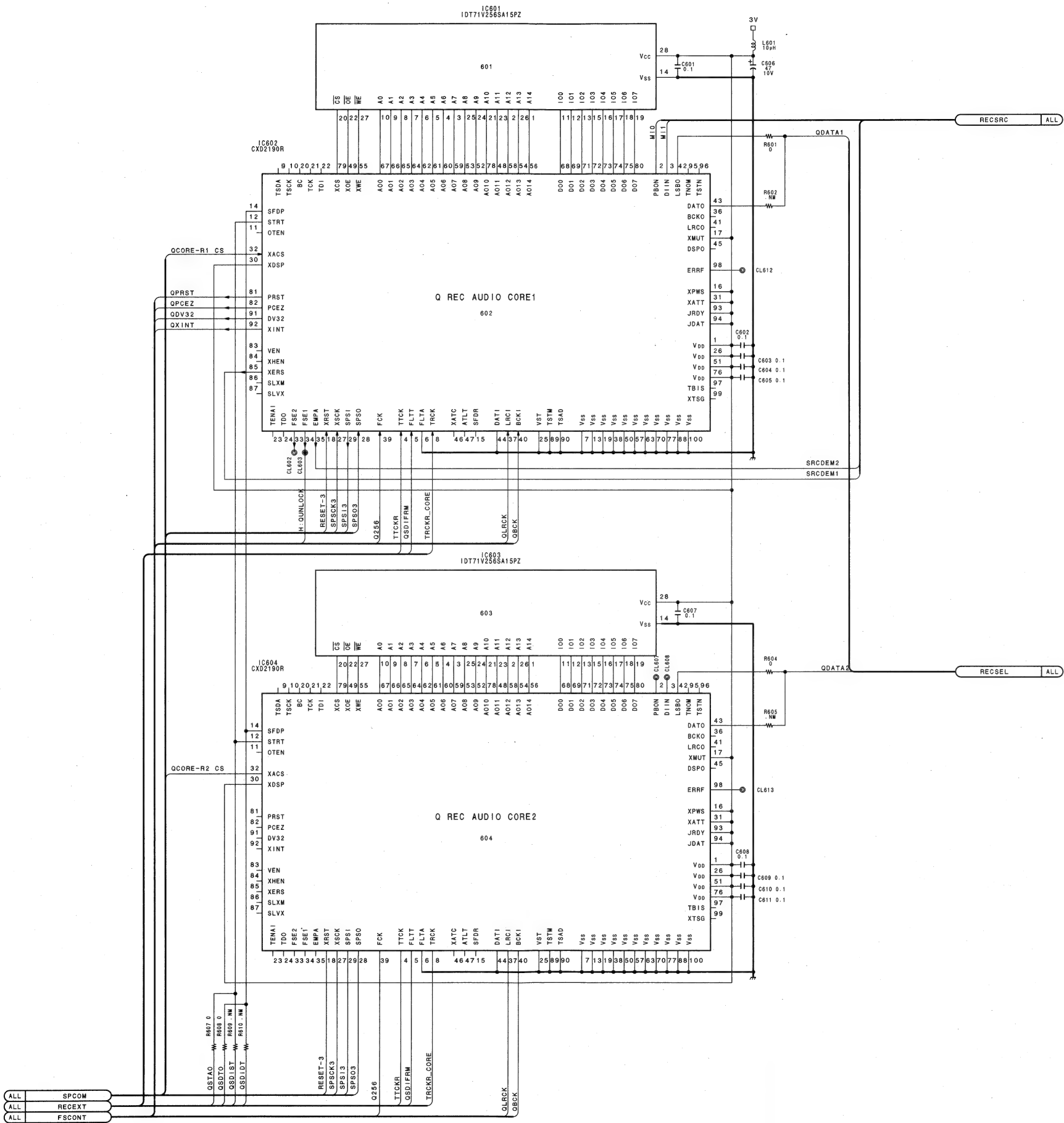






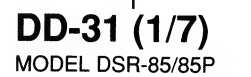


DA-120 (6/6) : DIGITAL AUDIO PROCESS



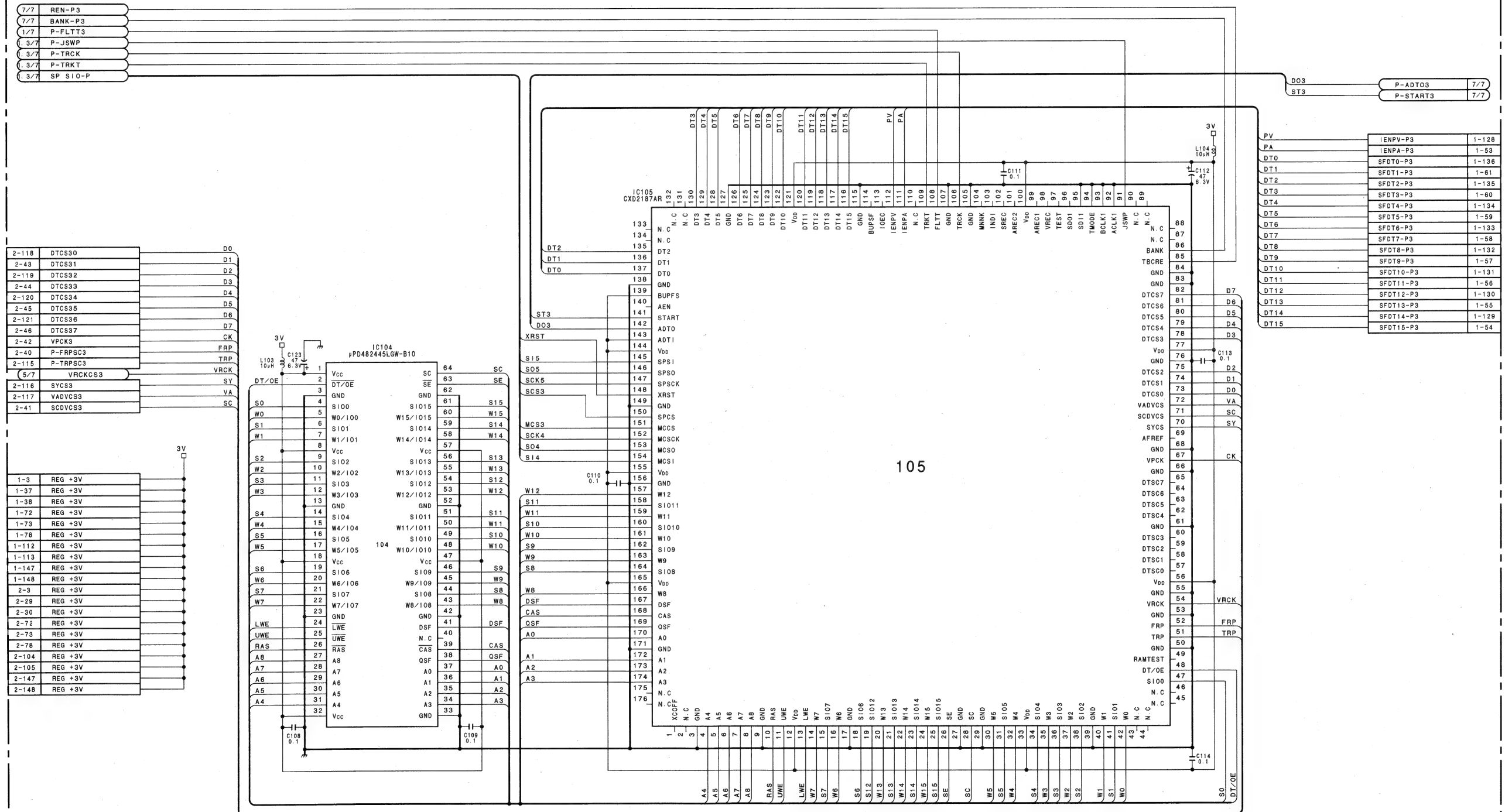


## DSR-85/85P





## DD-31 (2/7) : X4 DATA PROCESS





1



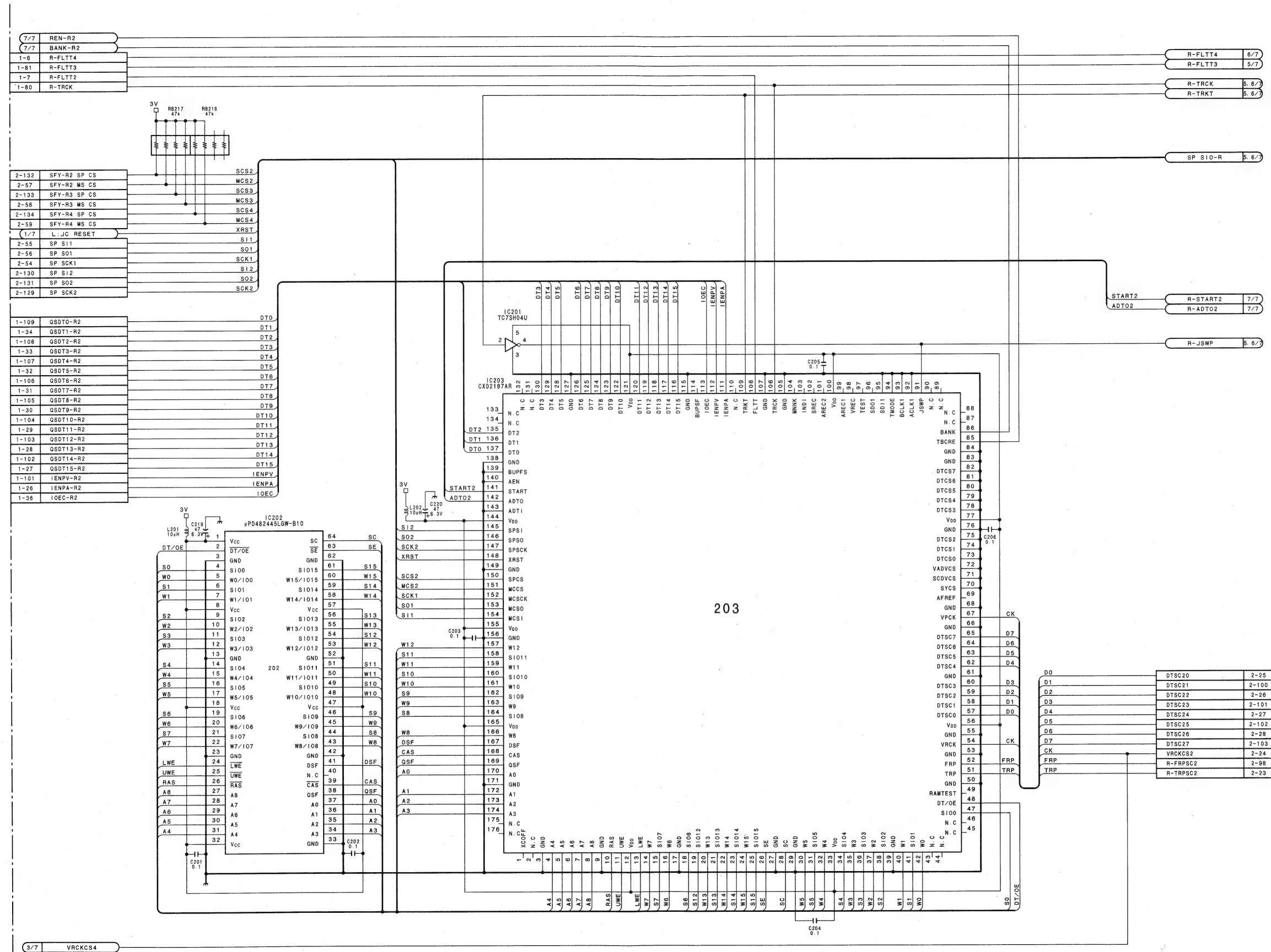
### 3

4

5



**DD-31 (4/7) : X4 DATA PROCESS**

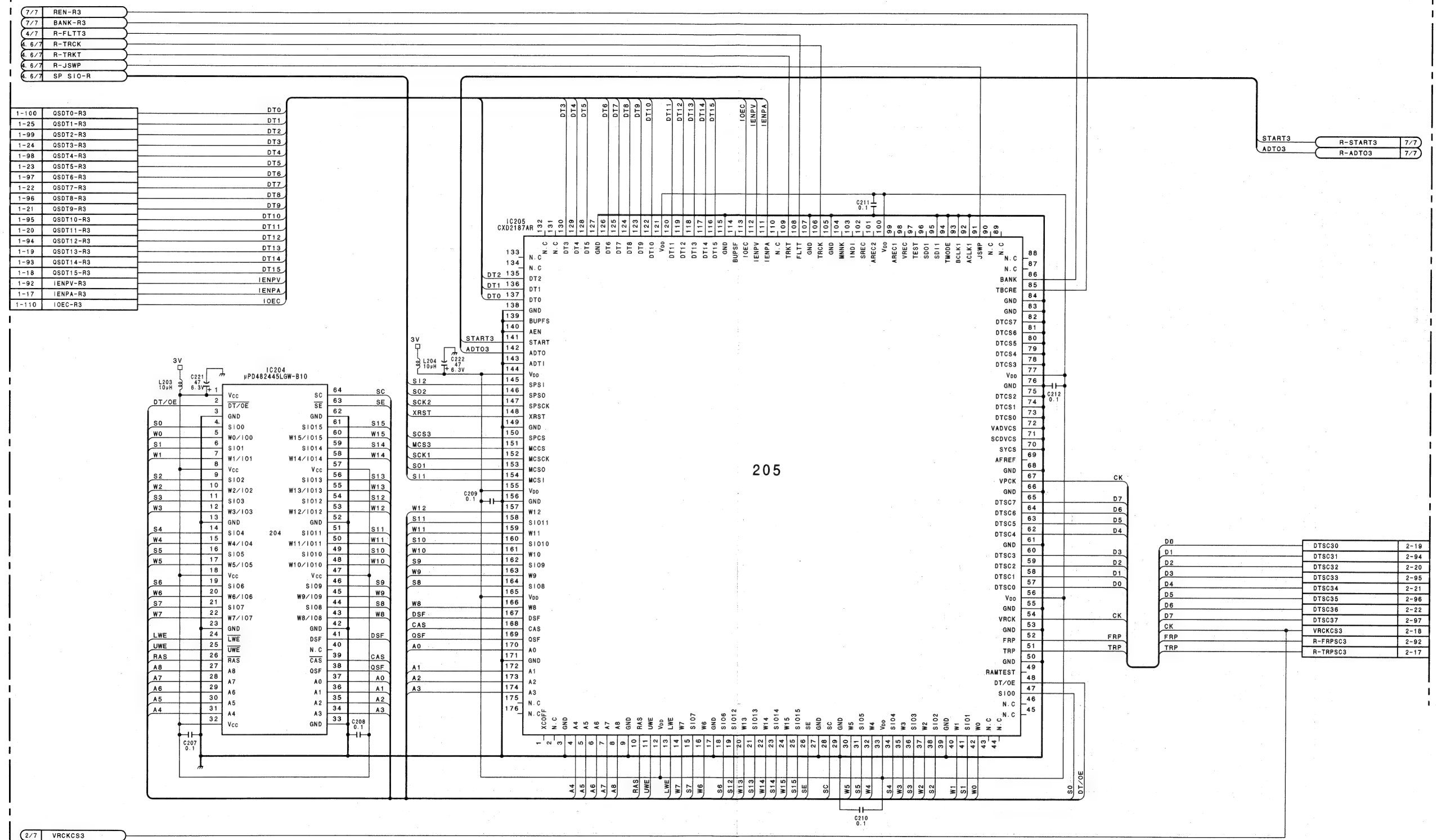


**DD-31 (4/7)**  
MODEL DSR-85/85P

DSR-85/85P



**DD-31 (5/7) : X4 DATA PROCESS**

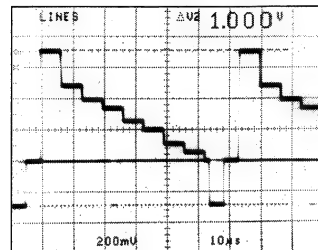




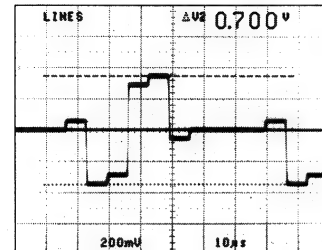
DDE-4/4P : VIDEO INPUT PROCESS

for DDE-4 (NTSC)  
(1/6)

① TP100 75% Color bars,  
MODE: REC/EE  
INPUT: COMPONENT

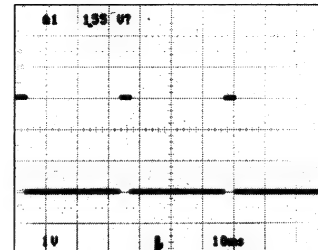


⑤ TP102 MODE: REC/EE  
INPUT: COMPONENT

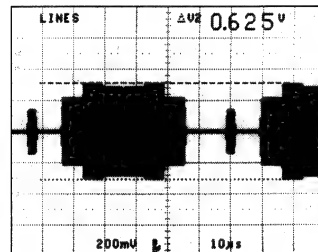


for DDE-4 (NTSC)  
(6/6)

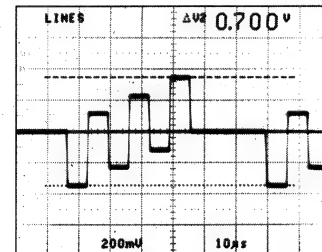
① TP602 MODE: REC/EE



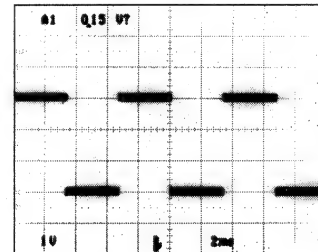
② TP104 MODE: REC/EE  
INPUT: S VIDEO



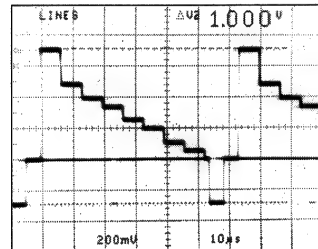
⑥ TP101 MODE: REC/EE  
INPUT: COMPONENT



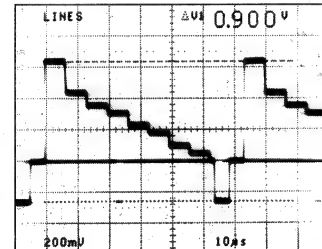
② TP603 MODE: REC/EE



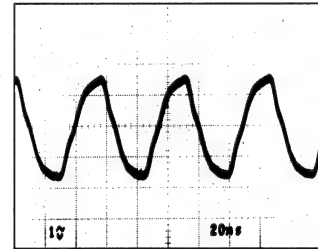
③ TP103 MODE: REC/EE  
INPUT: S VIDEO



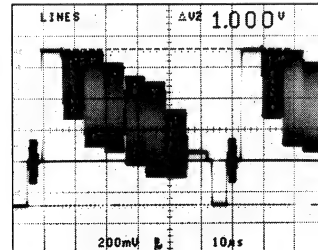
⑦ TP106 MODE: REC/EE  
INPUT: COMPONENT



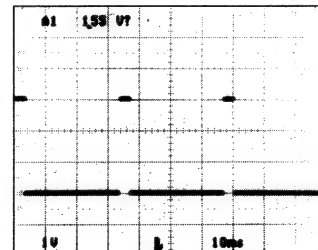
③ TP604 MODE: REC/EE



④ TP105 MODE: REC/EE  
INPUT: COMPOSITE

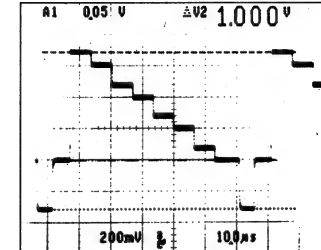


④ TP605 MODE: REC/EE

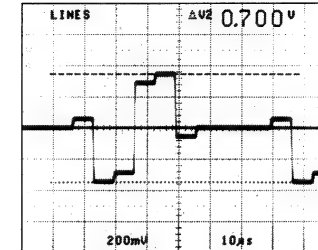


for DDE-4P (PAL)  
(1/6)

① TP100 100% Color bars,  
MODE: REC/EE  
INPUT: COMPONENT

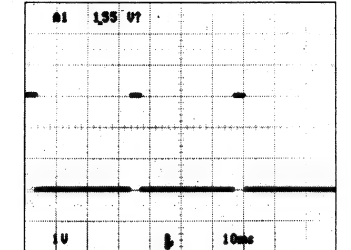


⑤ TP102 MODE: REC/EE  
INPUT: COMPONENT

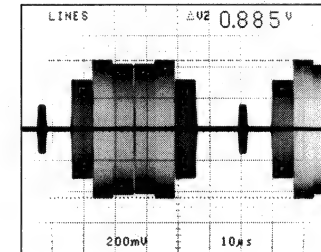


for DDE-4P (PAL)  
(6/6)

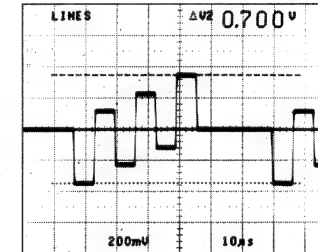
① TP602 MODE: REC/EE



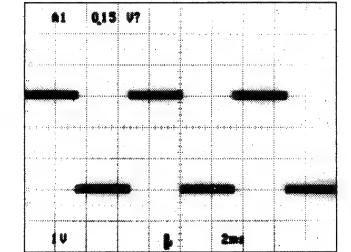
② TP104 MODE: REC/EE  
INPUT: S VIDEO



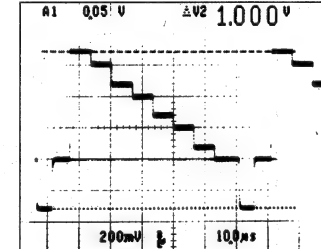
⑥ TP101 MODE: REC/EE  
INPUT: COMPONENT



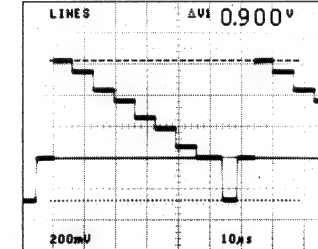
② TP603 MODE: REC/EE



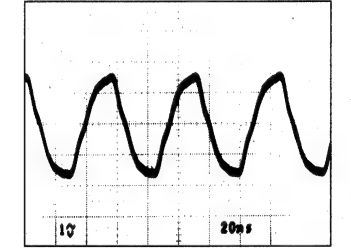
③ TP103 MODE: REC/EE  
INPUT: S VIDEO



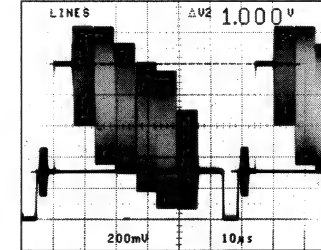
⑦ TP106 MODE: REC/EE  
INPUT: COMPONENT



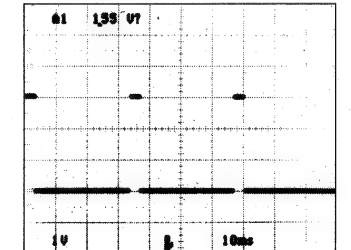
③ TP604 MODE: REC/EE



④ TP105 MODE: REC/EE  
INPUT: COMPOSITE

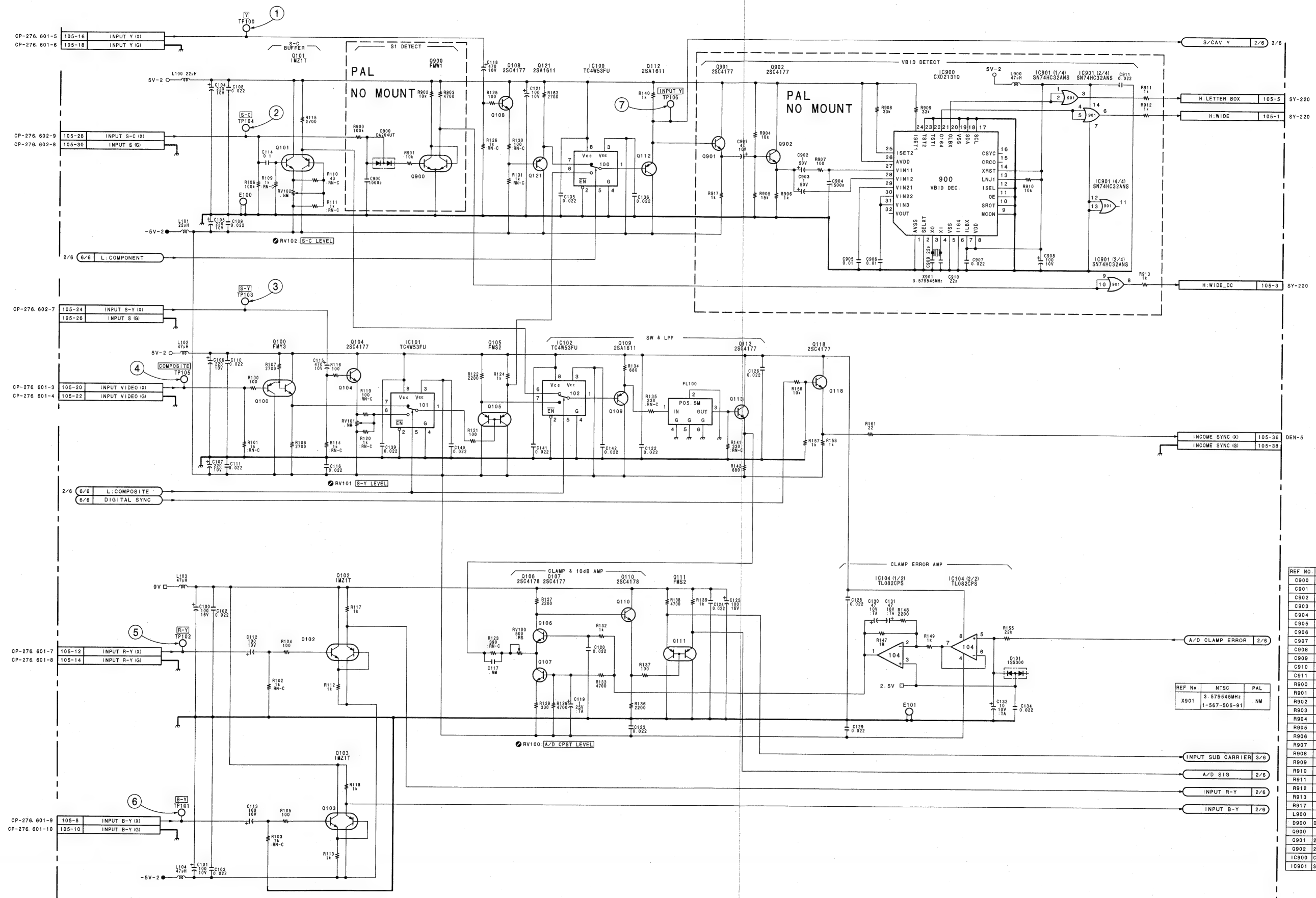


④ TP605 MODE: REC/EE



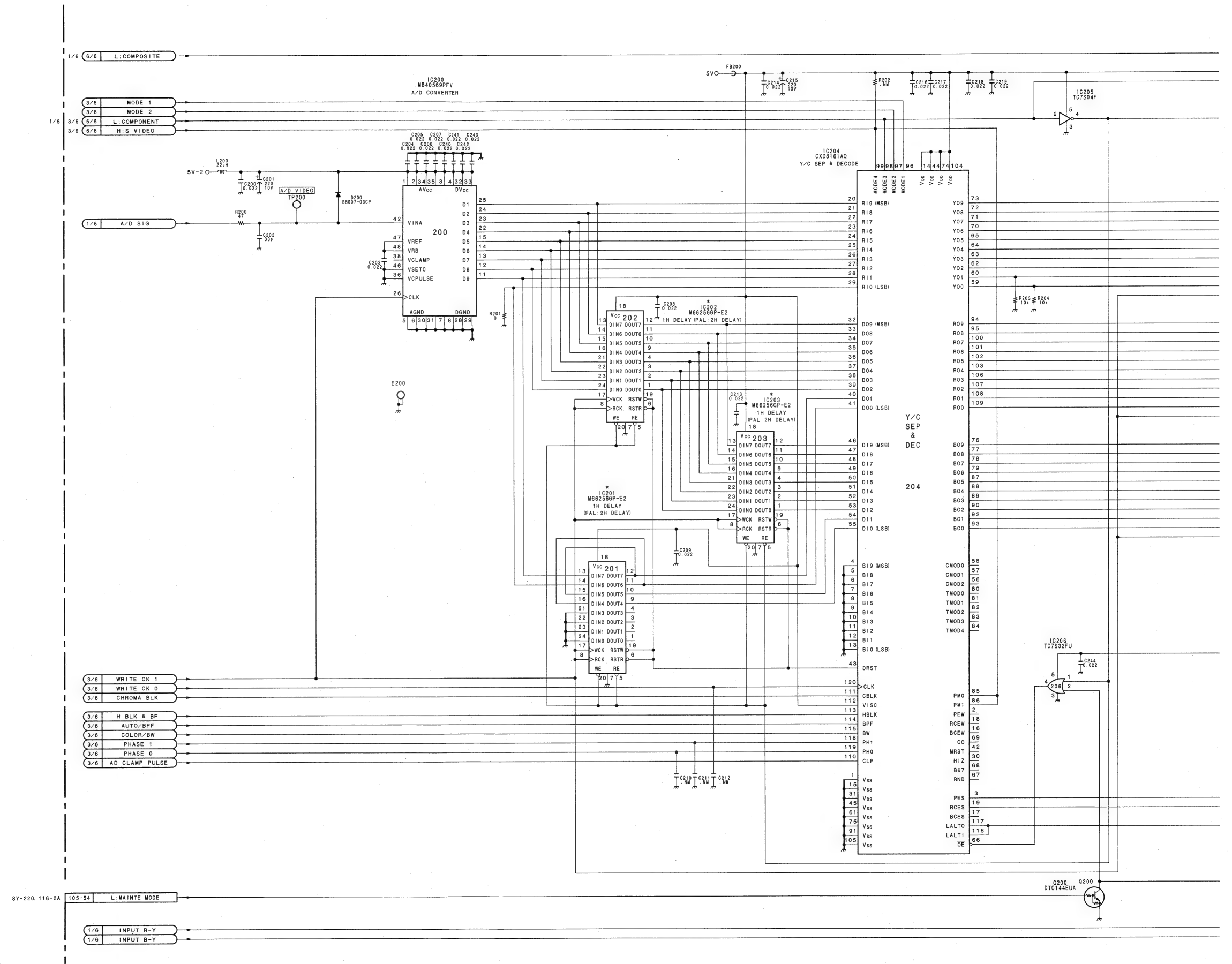


## DDE-4/4P (1/6) : VIDEO INPUT PROCESS

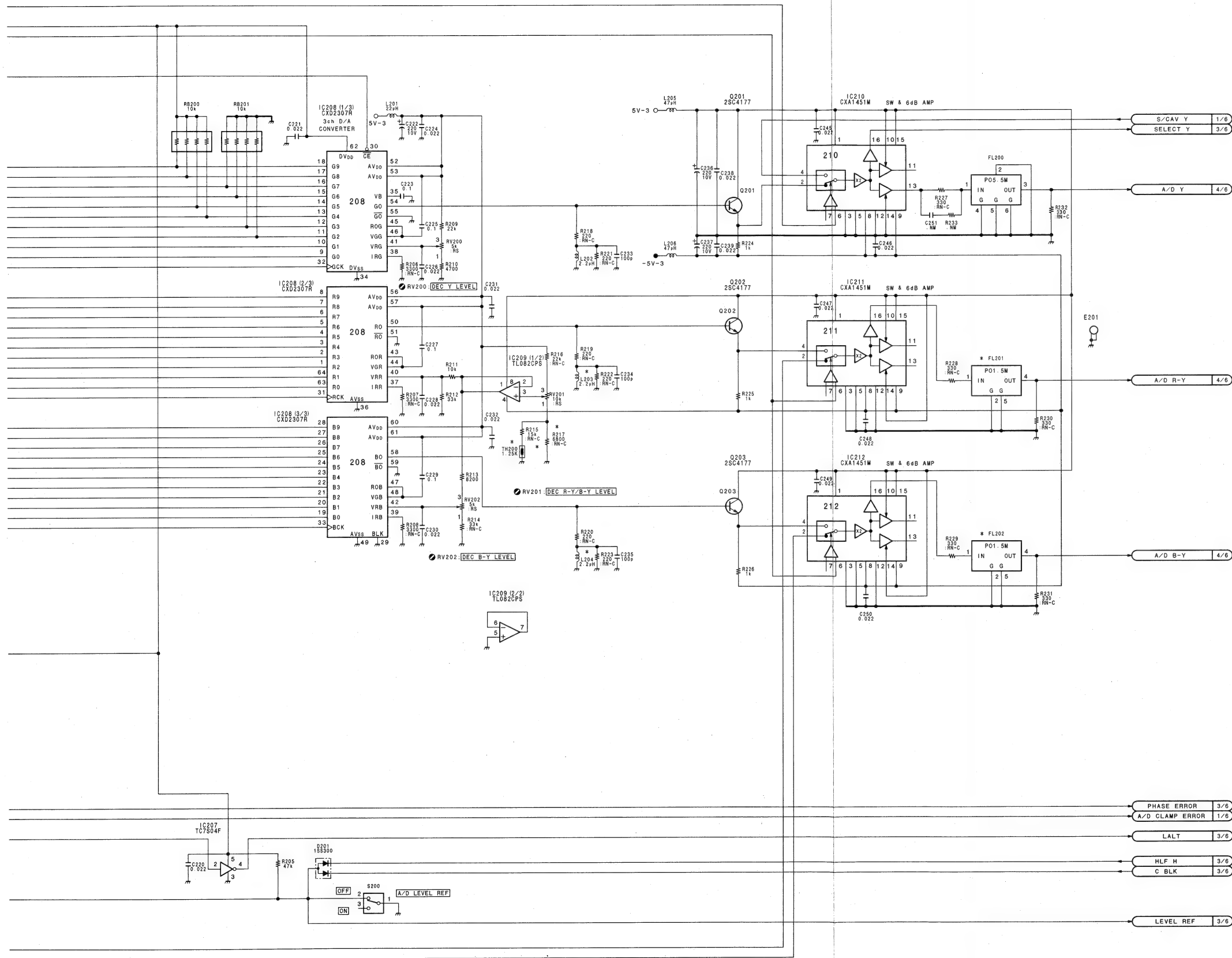




## DDE-4/4P (2/6) : VIDEO INPUT PROCESS





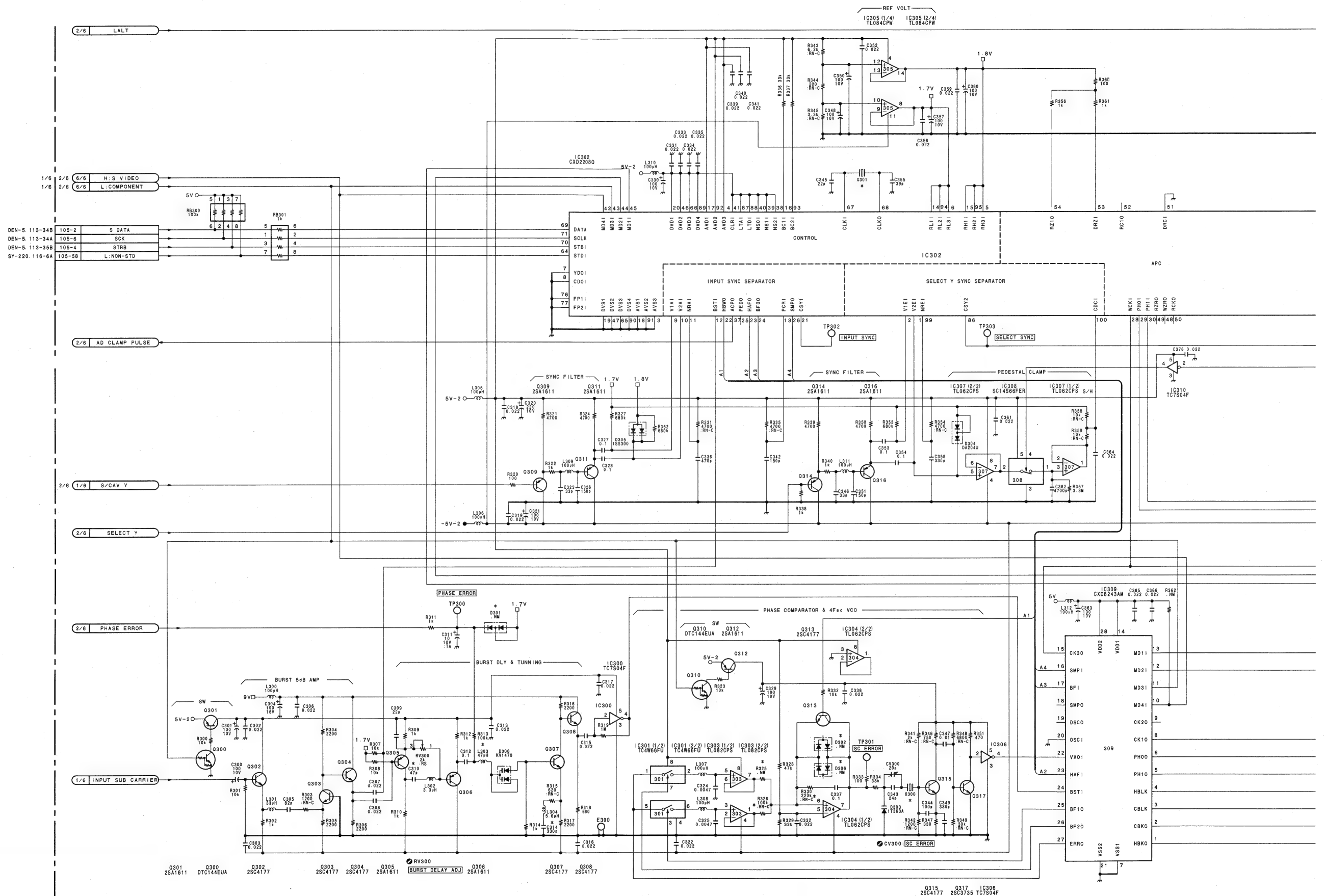


*	NTSC	PAL
R215	▲ 15K	. NM
R217	▲ 6800	▲ 4700
L203	2.2UH	1.8UH
L204	2.2UH	1.8UH
TH200	1.25K	. NM
FL201	1-233-598-21	1-233-599-21
FL202	1-233-598-21	1-233-599-21

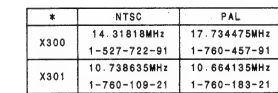
▲ = RN-C



## DDE-4/4P (3/6) : VIDEO INPUT PROCESS





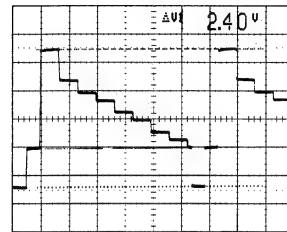




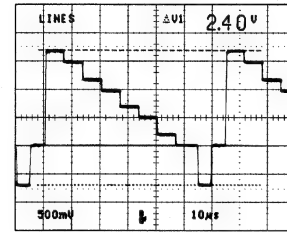
DDE-4/4P (4/6) : VIDEO INPUT PROCESS

1

for DDE-4 (NTSC)  
① TP400 75% Color bars, REC/EE

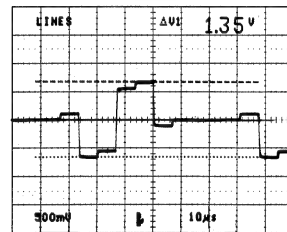


for DDE-4P (PAL)  
① TP400 100% Color bars, REC/EE

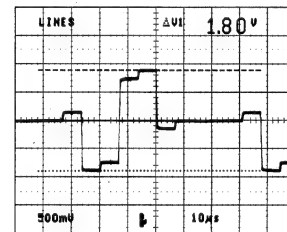


2

② TP402 75% Color bars, REC/EE

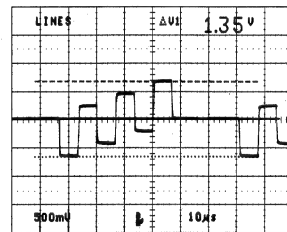


② TP402 100% Color bars, REC/EE

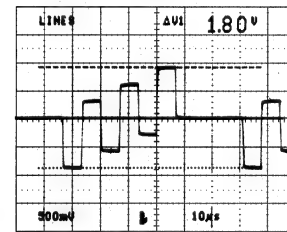


3

③ TP401 75% Color bars, REC/EE

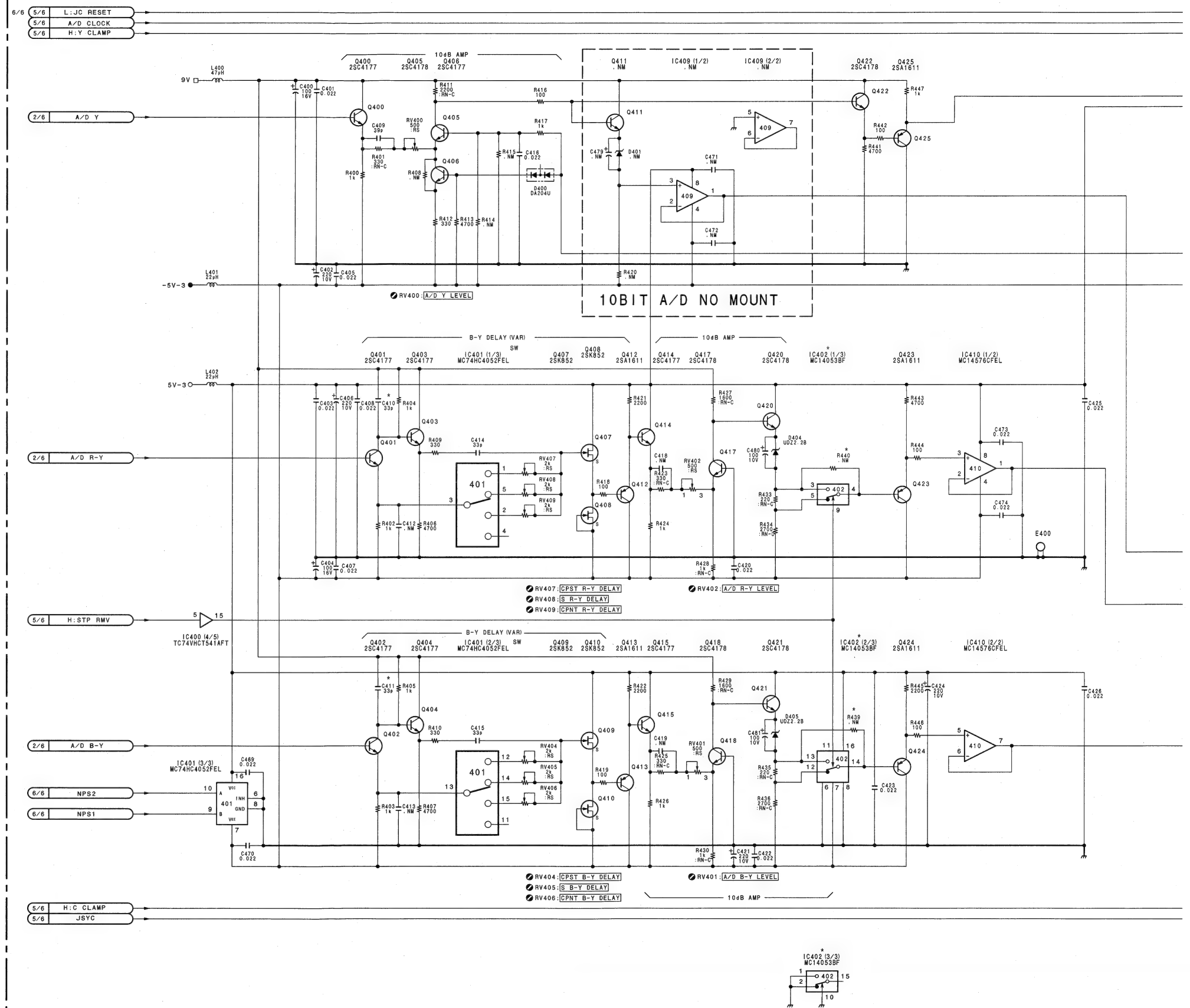


③ TP401 100% Color bars, REC/EE

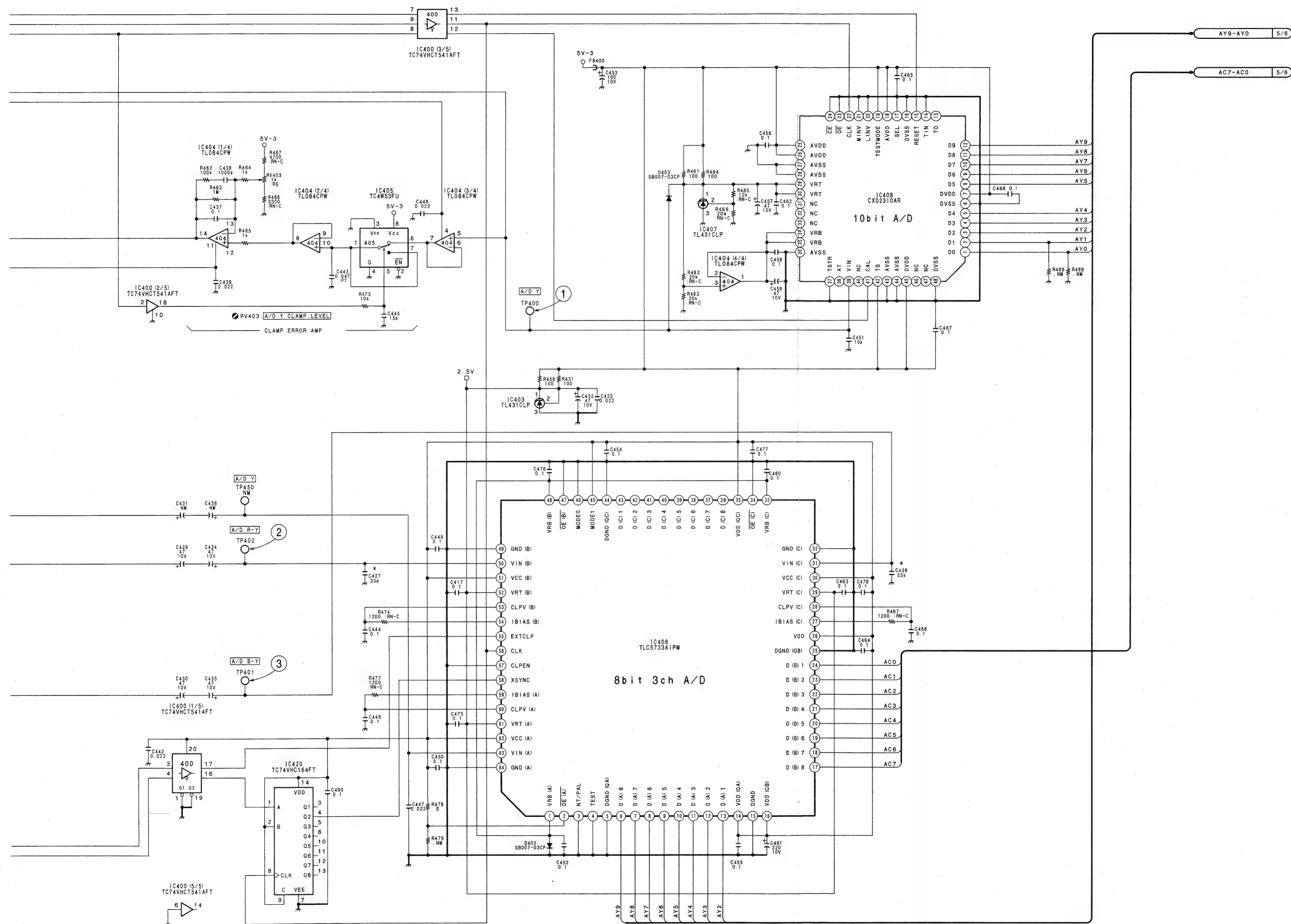


4

5



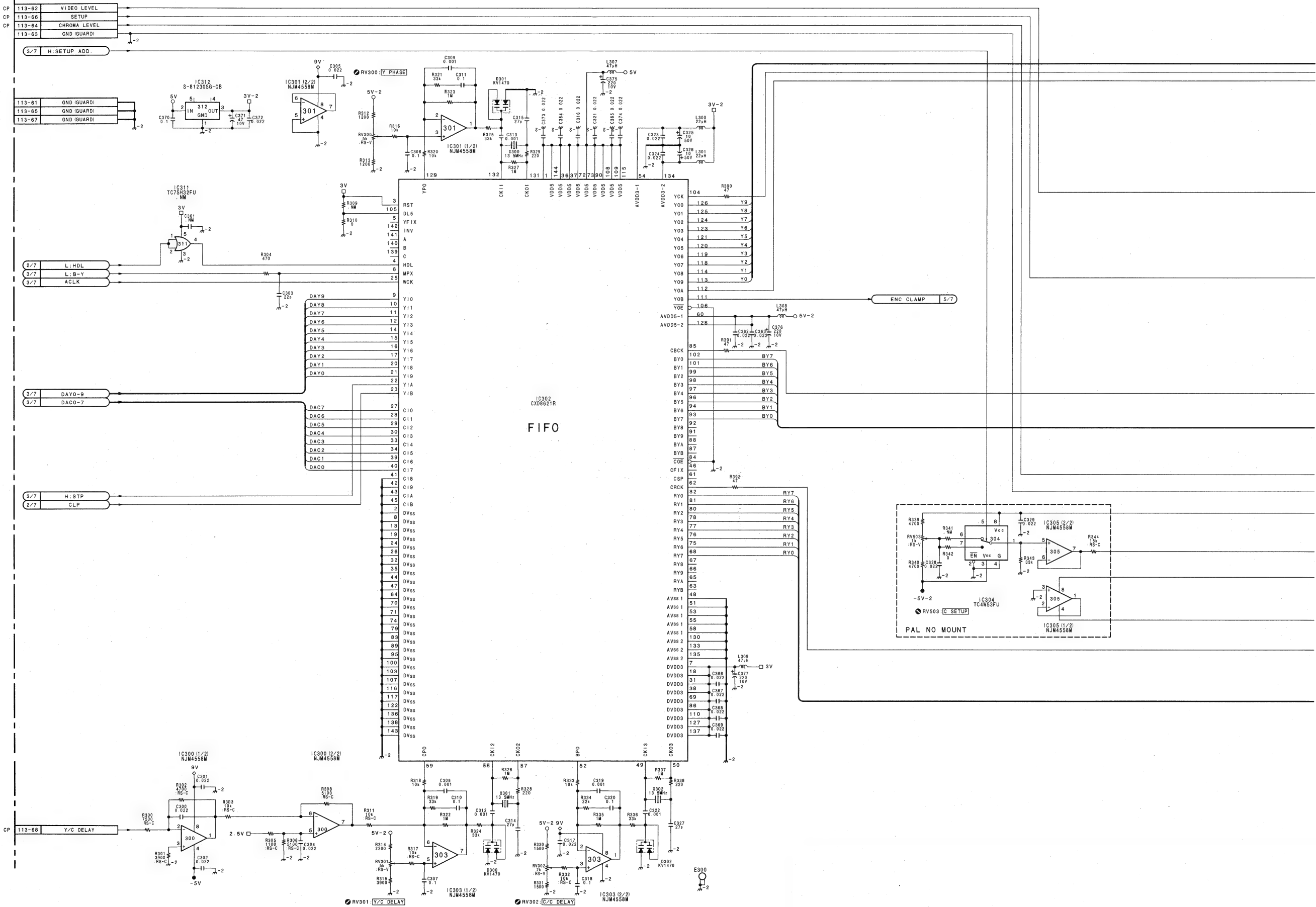




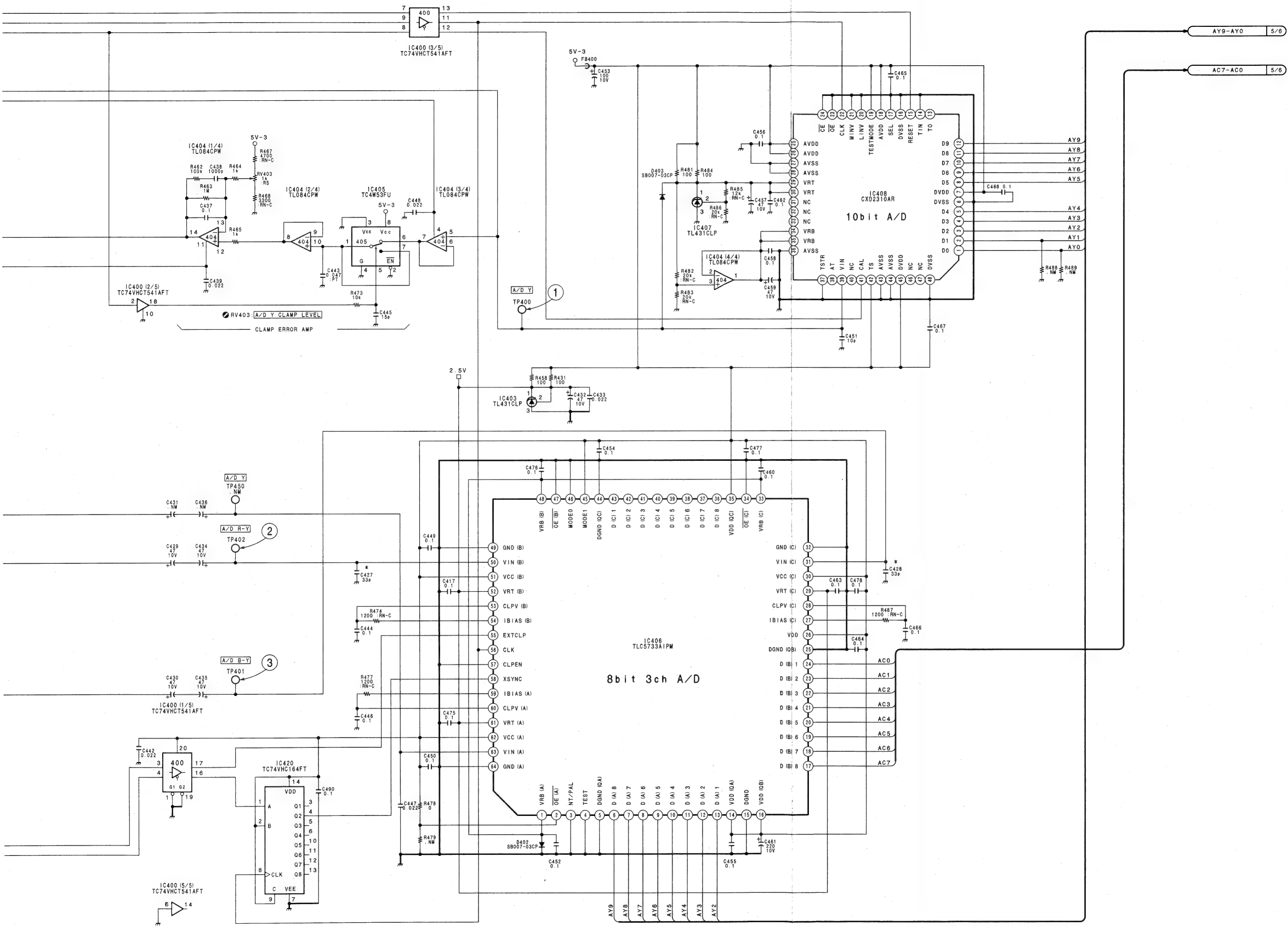
REF No.	NTSC	PAL
R439	NW	0
R440	NW	0
IC402	MC14053BF	NW
C410	33P	22P
C411	33P	22P
C427	33P	10P
C428	33P	10P



DEN-5/5P (4/7) : VIDEO OUTPUT PROCESS



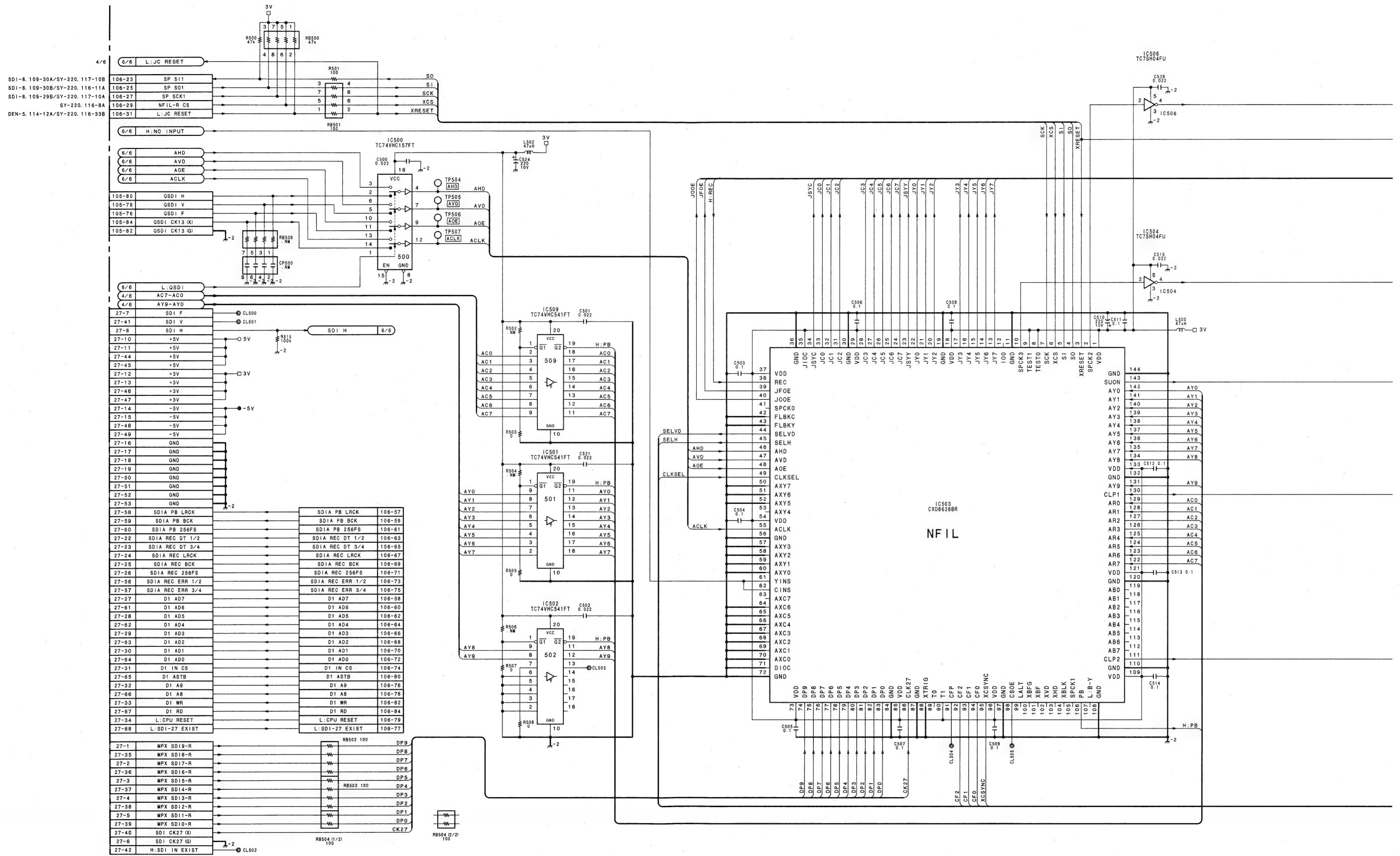




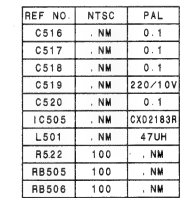
REF No.	NTSC	PAL
R439	NM	0
R440	NM	0
IC402	MC14053BF	NM
C410	33P	22P
C411	33P	22P
C427	33P	10P
C428	33P	10P



## DDE-4/4P (5/6) : VIDEO INPUT PROCESS





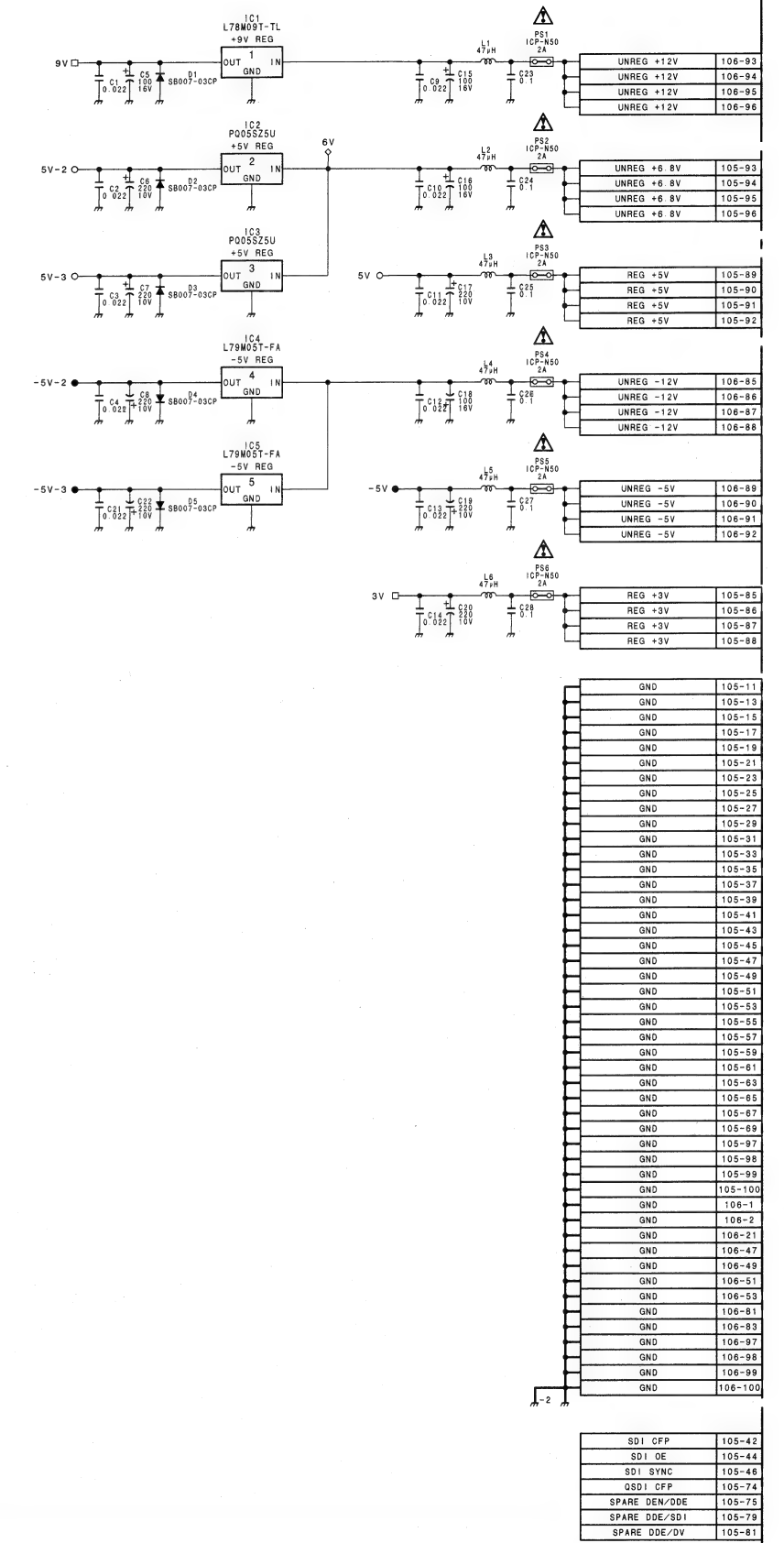
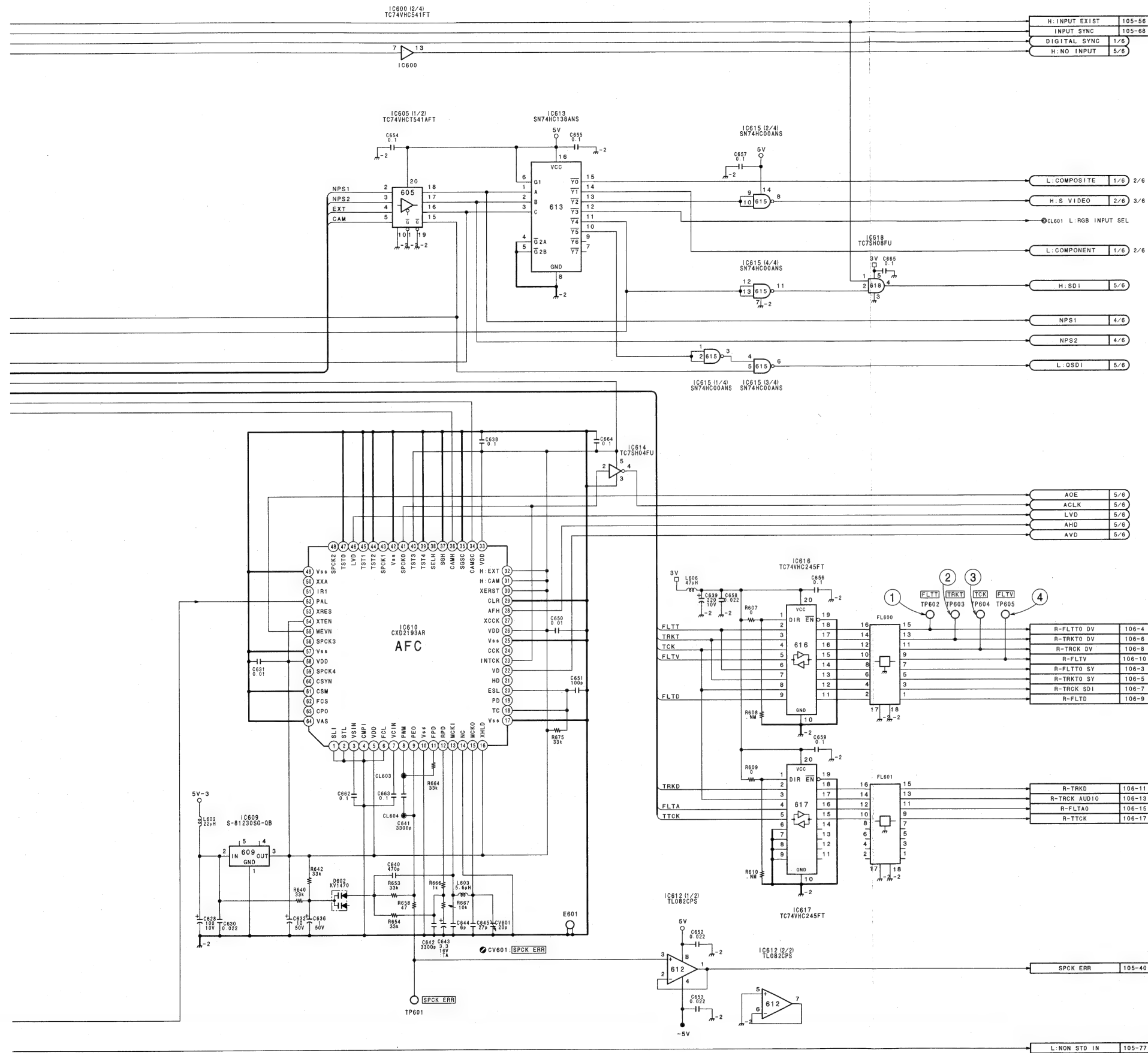




## DDE-4/4P (6/6) : VIDEO INPUT PROCESS

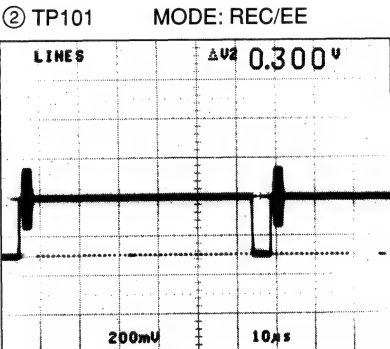
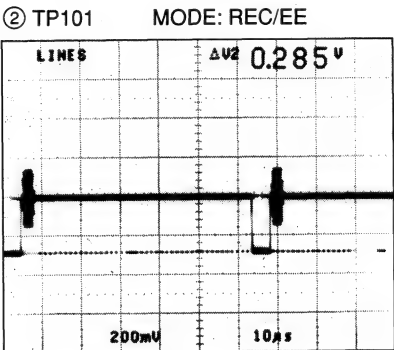
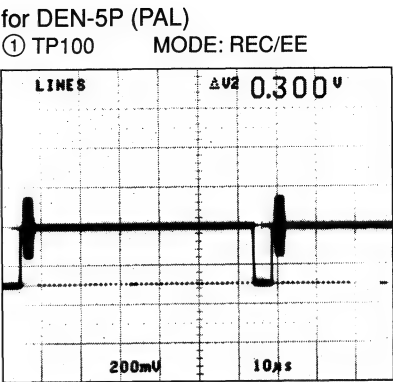
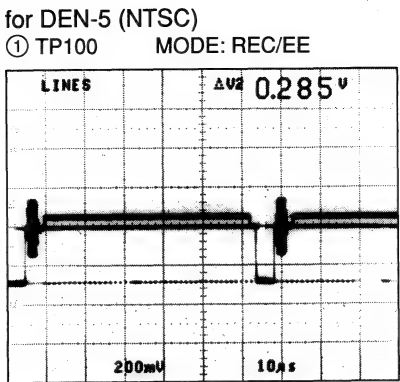




DDE-4/4P (6/6)  
MODEL DSR-85/85P

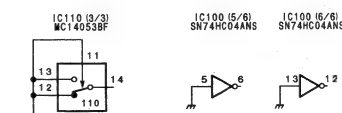
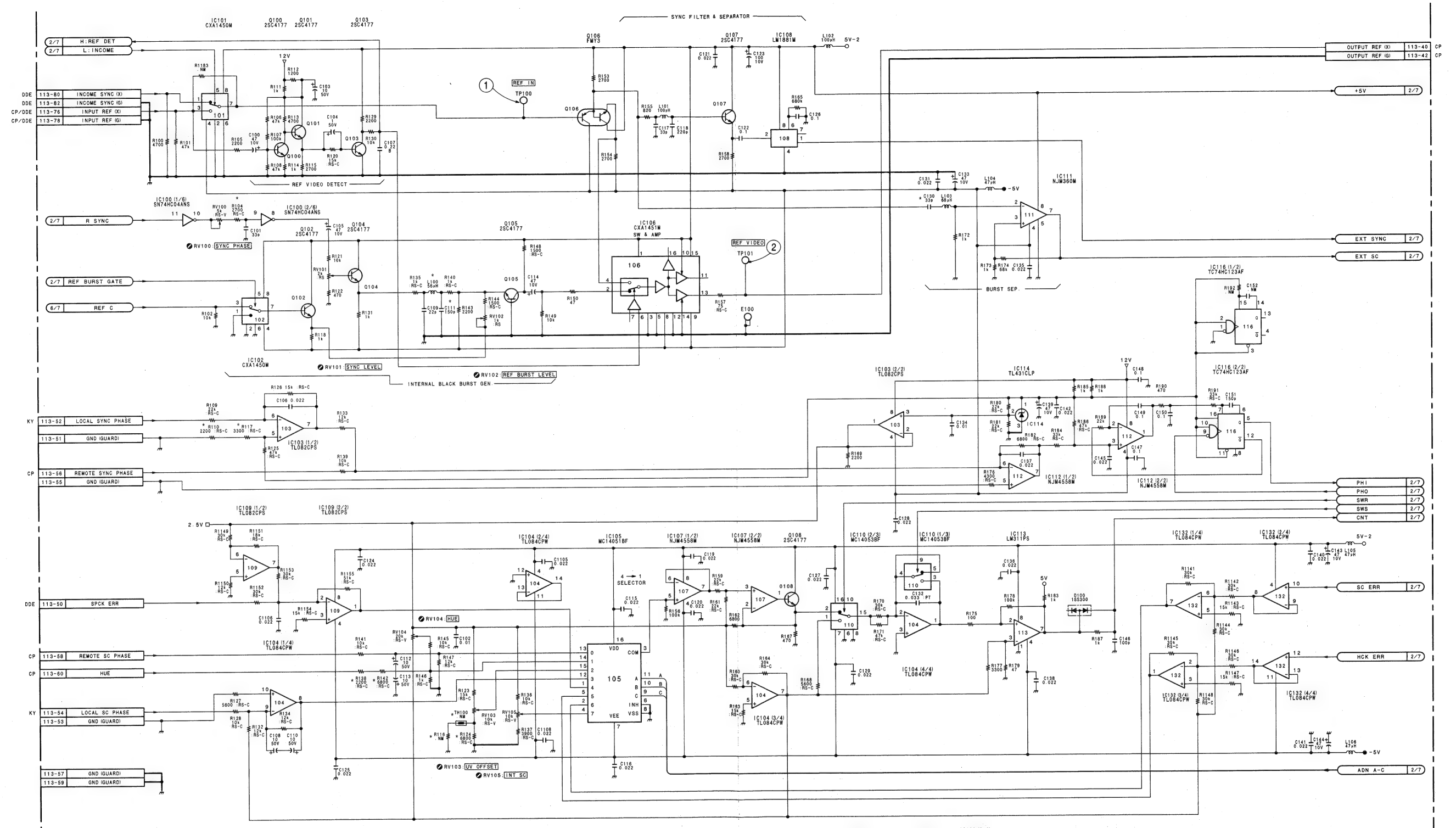


DEN-5/5P : VIDEO OUTPUT PROCESS





DEN-5/5P (1/7) : VIDEO OUTPUT PROCESS

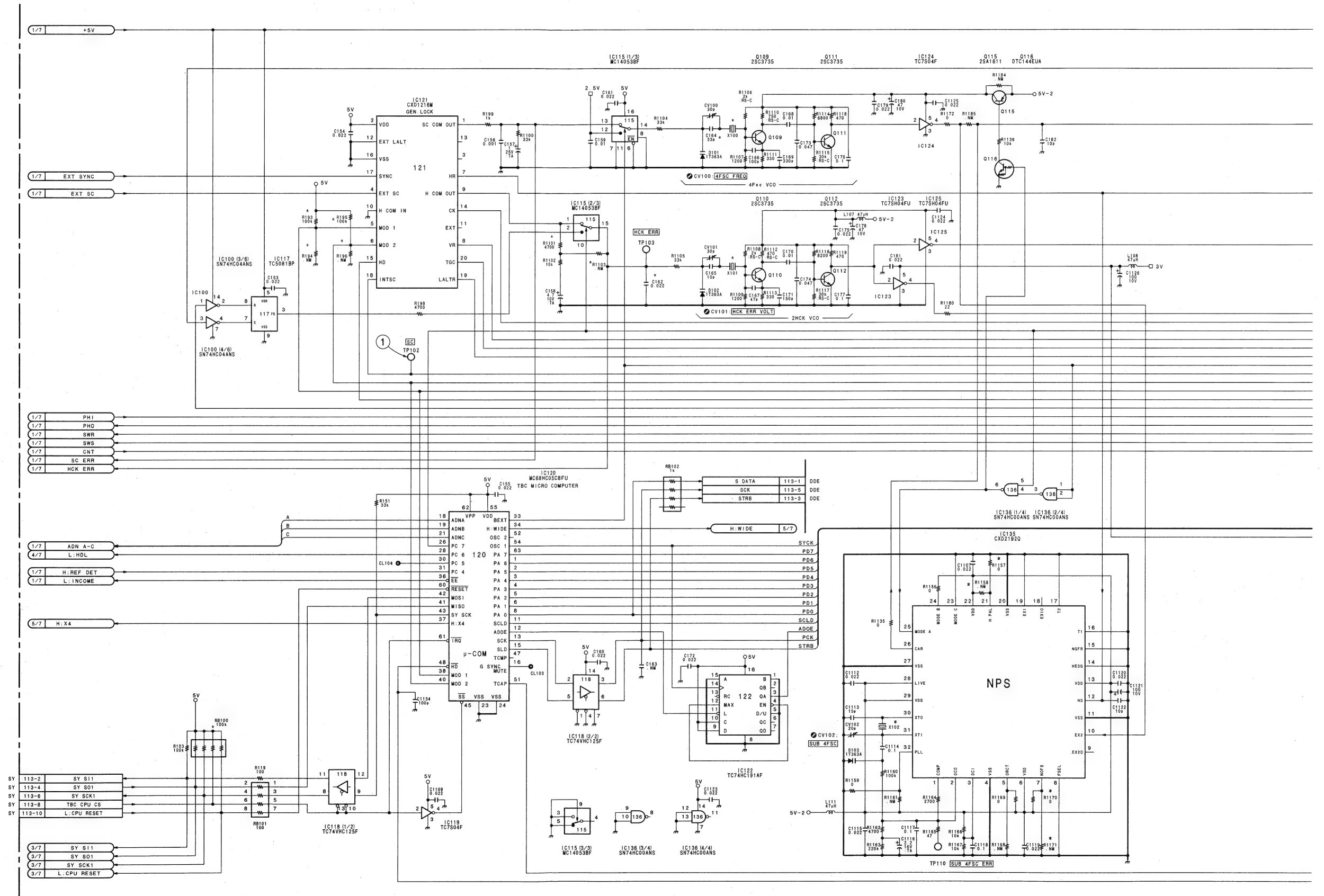


REF NO.	NT	PAL
C111	150P	220P
C130	33P	22P
L100	56UH	82UH
R104	2700	1500
R110	2200	1500
R116	NM	10K
R117	3300	4700
R124	6800	12K
R138	2200	NM
R142	6800	NM

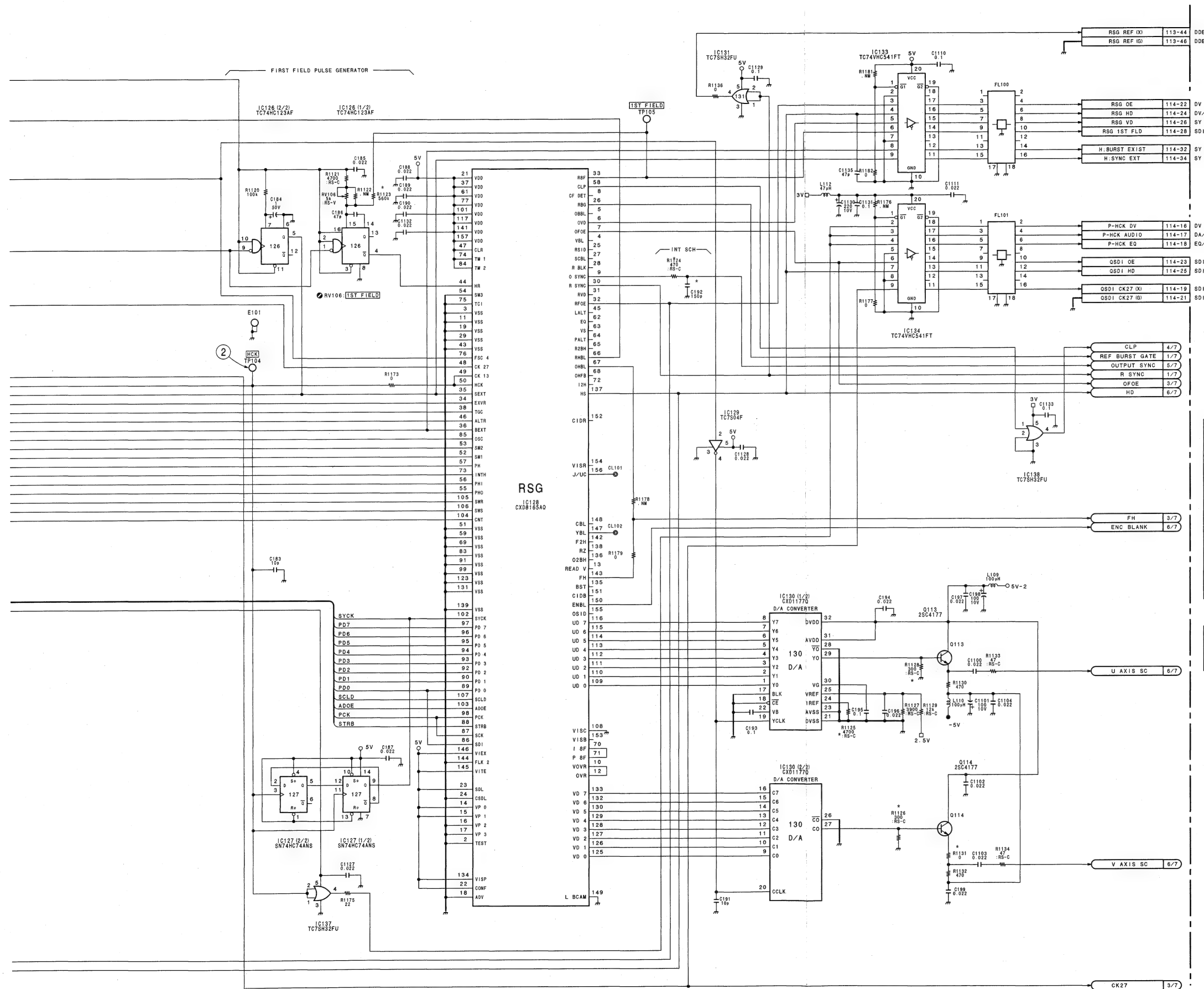
TH100	NT	PAL
	NM	1-807-972-21



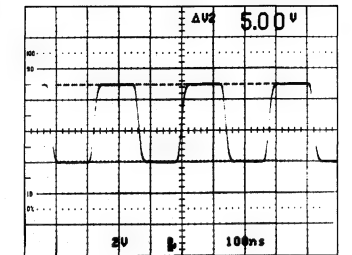
DEN-5/5P (2/7) : VIDEO OUTPUT PROCESS



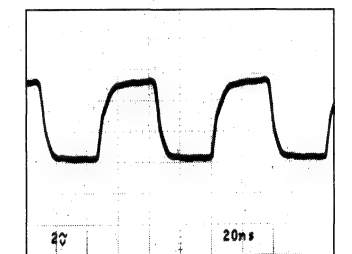




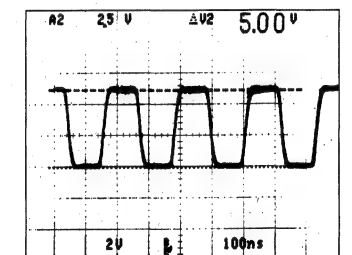
for DEN-5 (NTSC)  
① TP102 MODE: REC/EE/PB



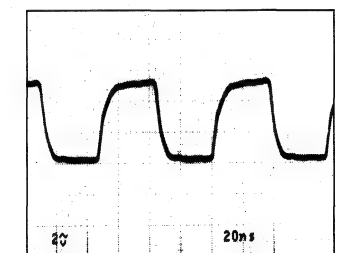
② TP104      MODE: REC/PB/EE



for DEN-5P (PAL)  
① TP102 MODE: REC/EE/PB

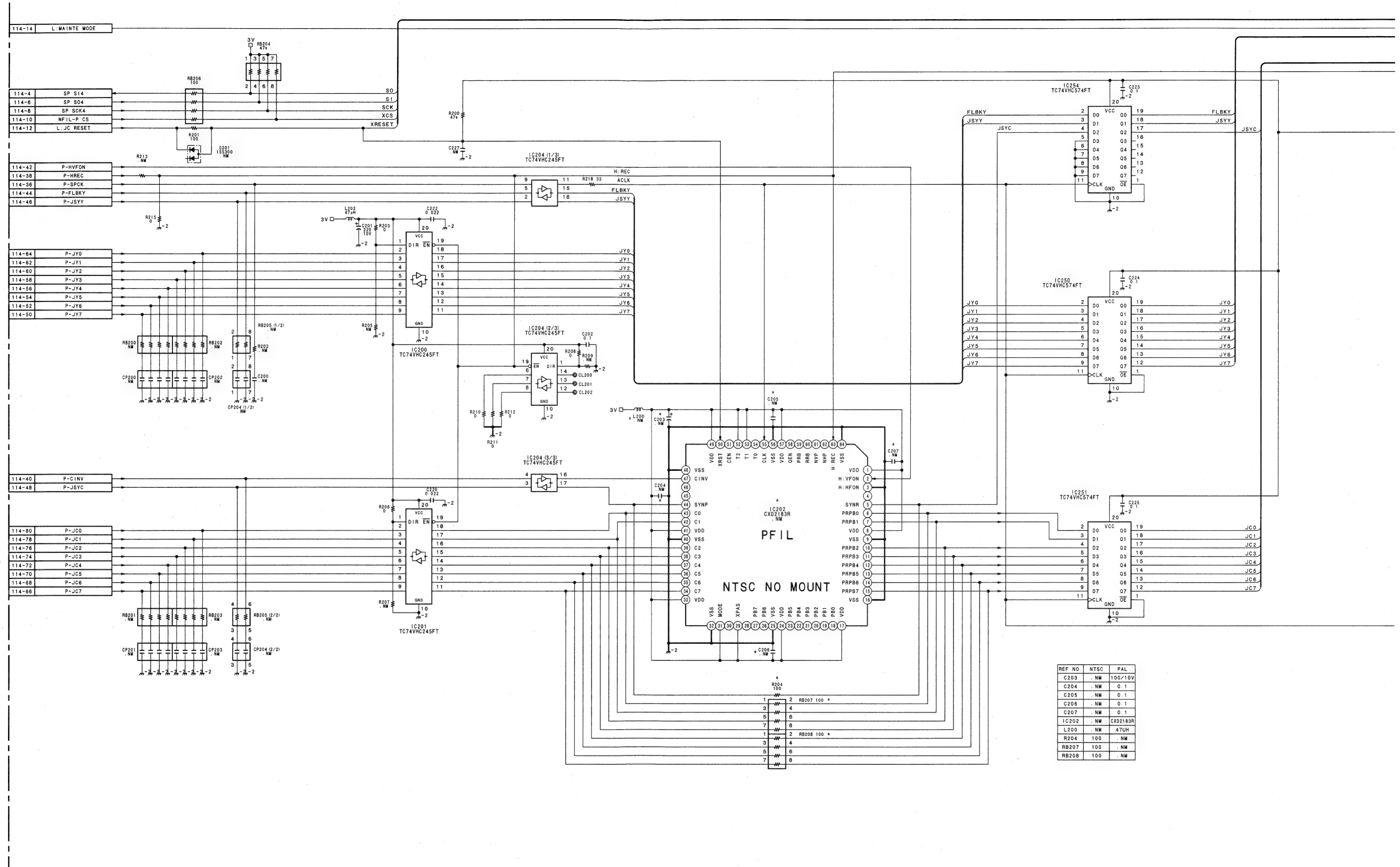


② TP104    MODE: REC/PB/EE





## DEN-5/5P (3/7) : VIDEO OUTPUT PROCESS

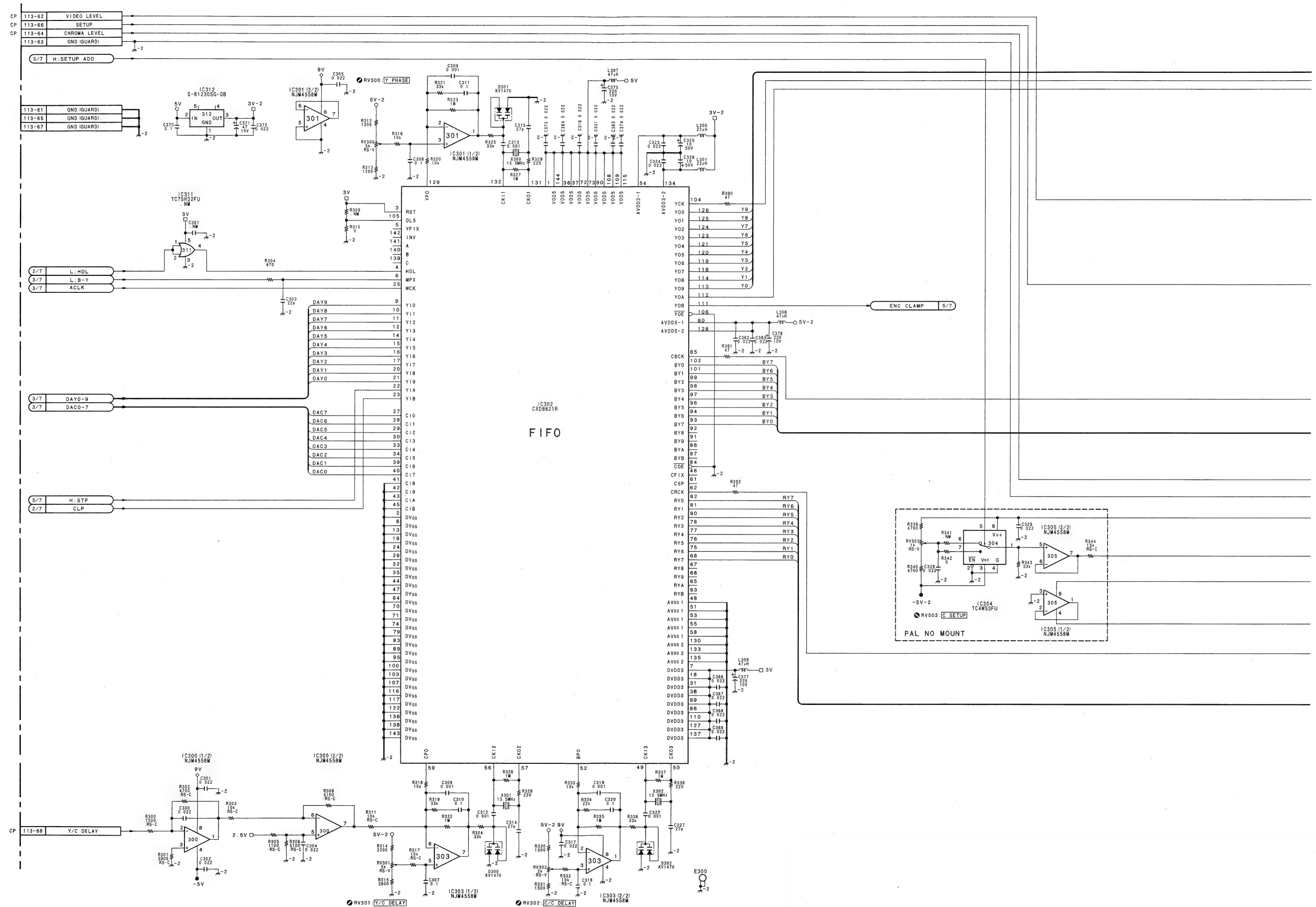








## DEN-5/5P (4/7) : VIDEO OUTPUT PROCESS



11-50







DEN-5 (NTSC)  
(5/7)

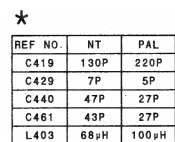
LINES      AVG 1000 V  
 200mV      10ns

100-MHz signal

OSCILLOSCOPE TRACE showing a pulse waveform. The vertical scale is 200mV and the horizontal scale is 10μs. The pulse amplitude is approximately 1.000V.

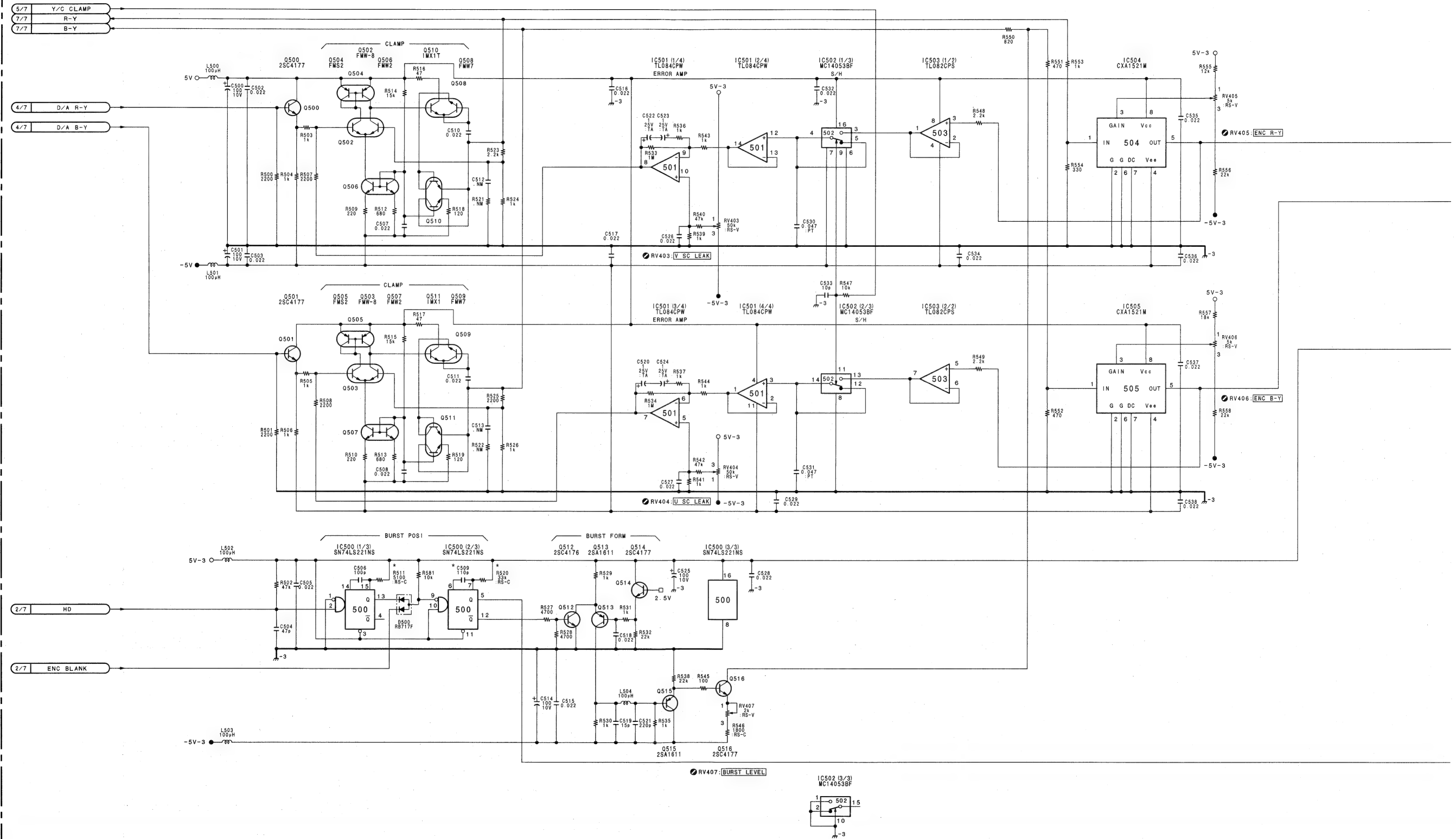




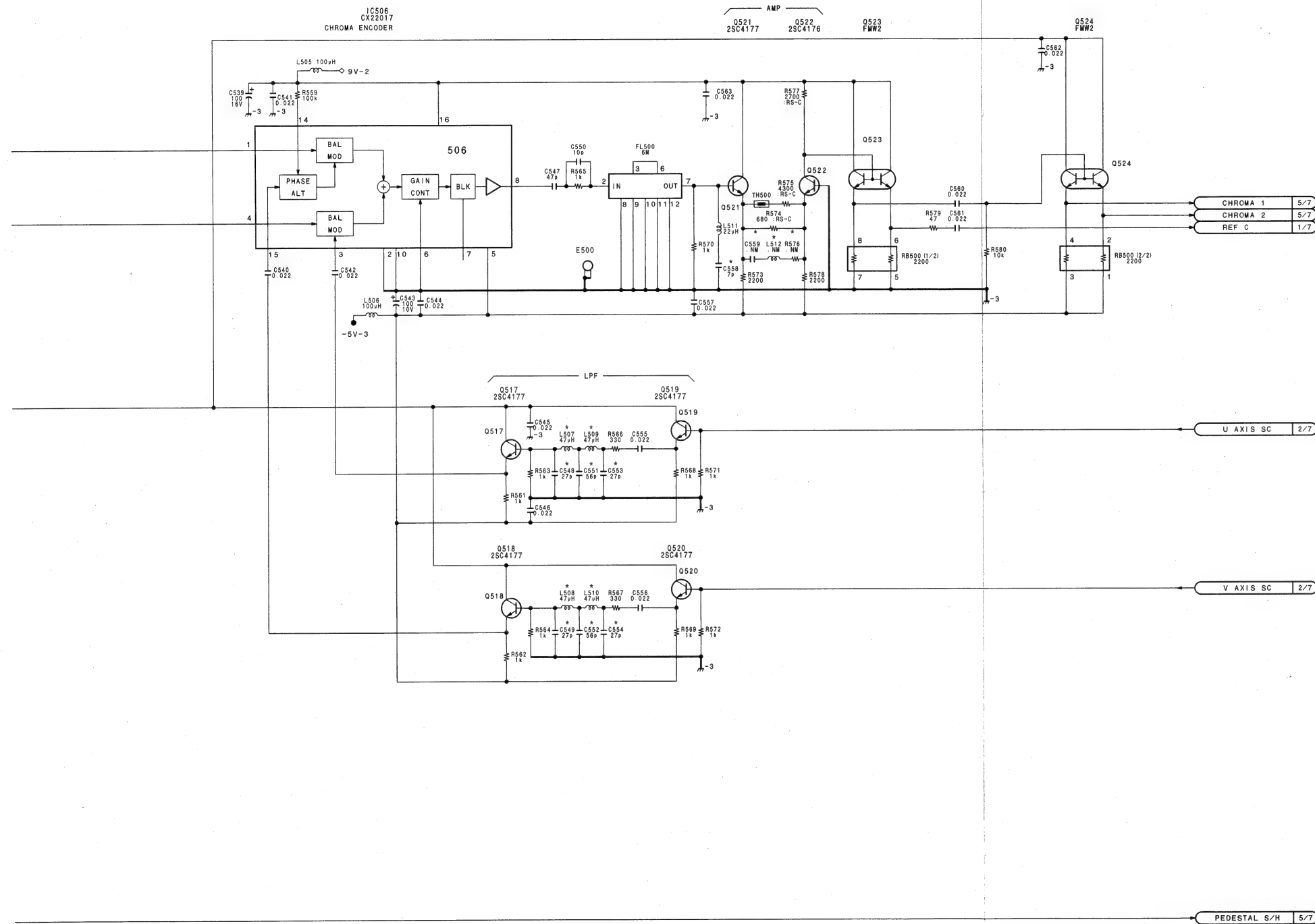




## DEN-5/5P (6/7) : VIDEO OUTPUT PROCESS

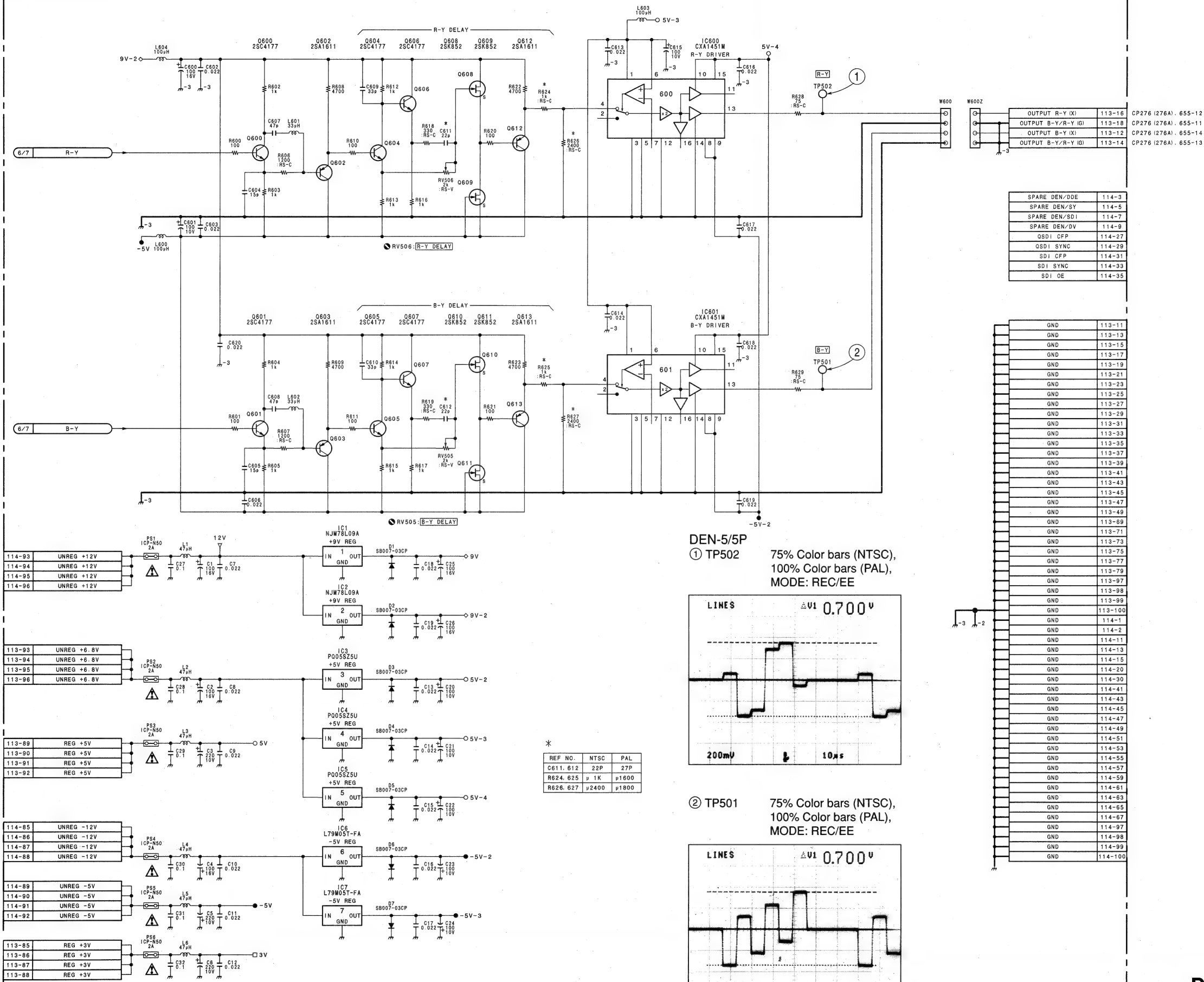








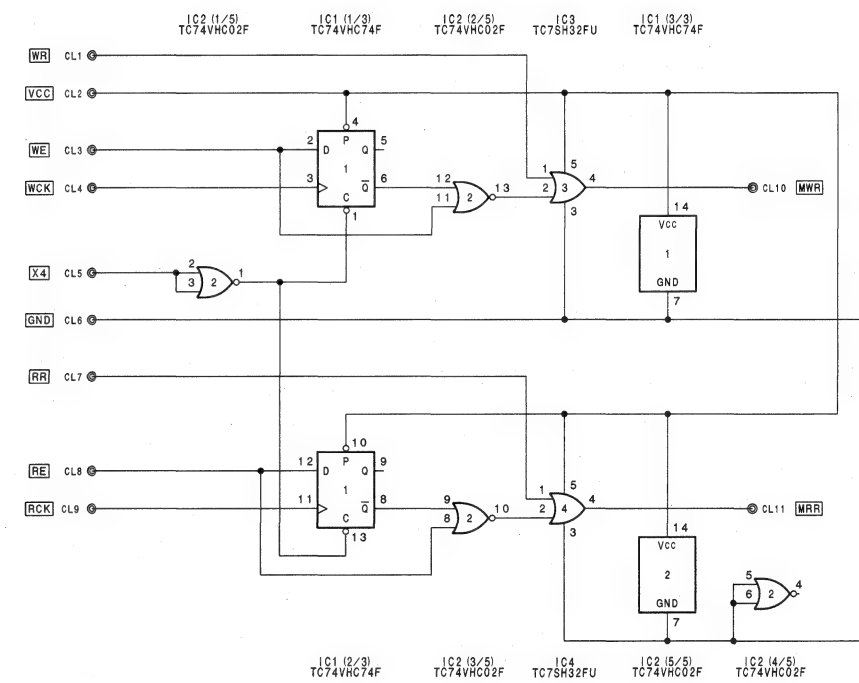
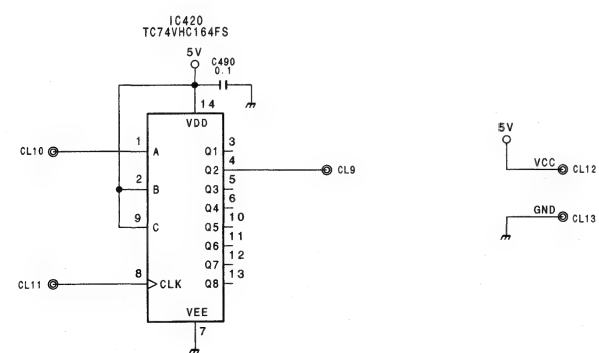
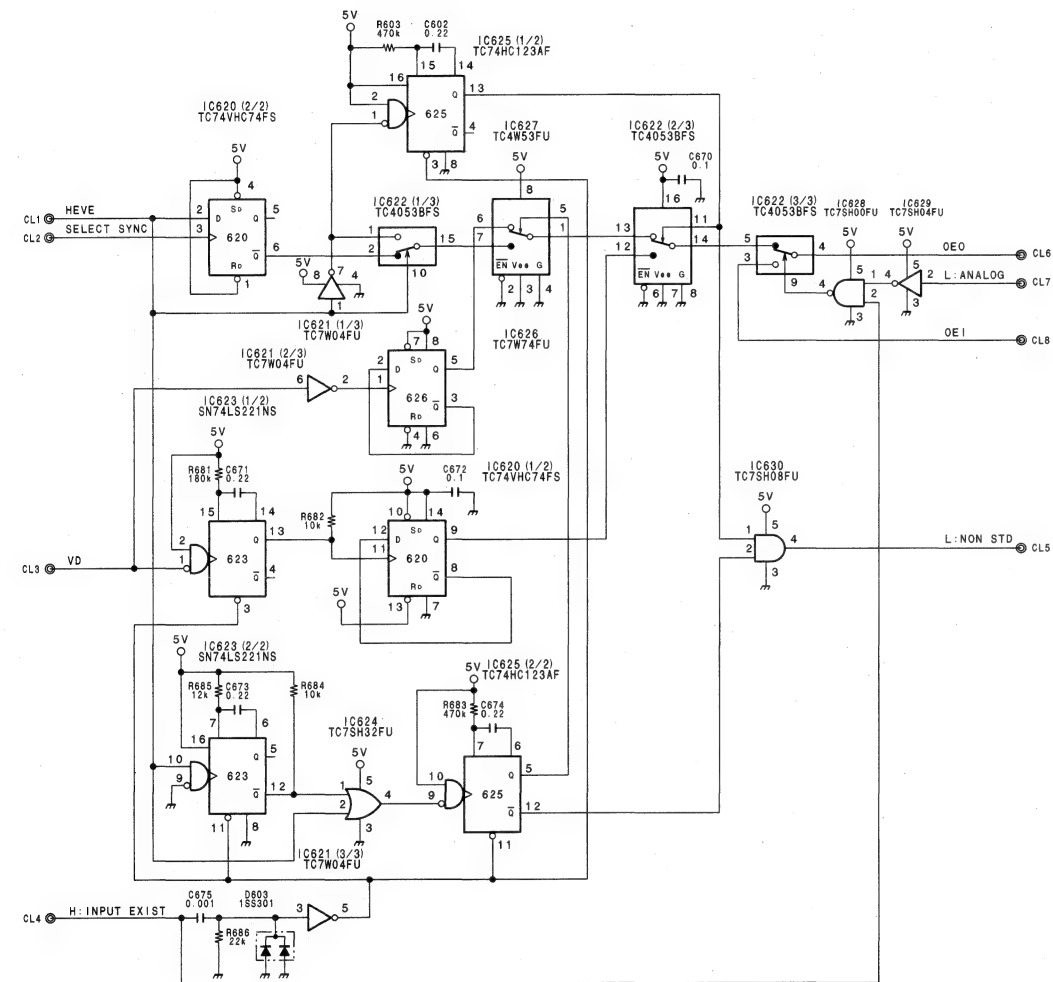
DEN-5/5P (7/7) : VIDEO OUTPUT PROCESS



DEN-5/5P (7/7)  
MODEL DSR-85/85P



**DUS-53 (FOR DV-16)**

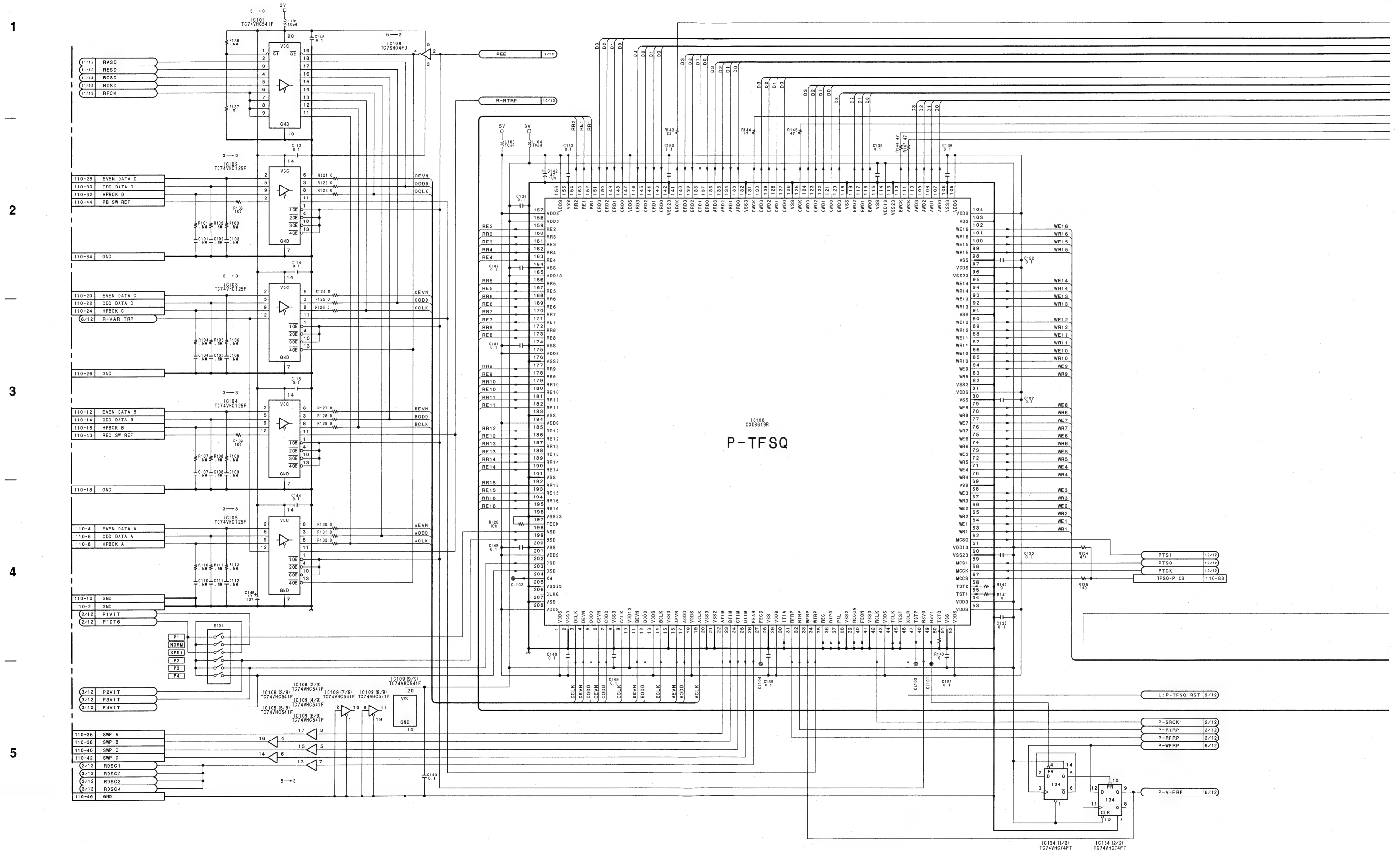


**DUS-49**  
MODEL DSR-85/85P

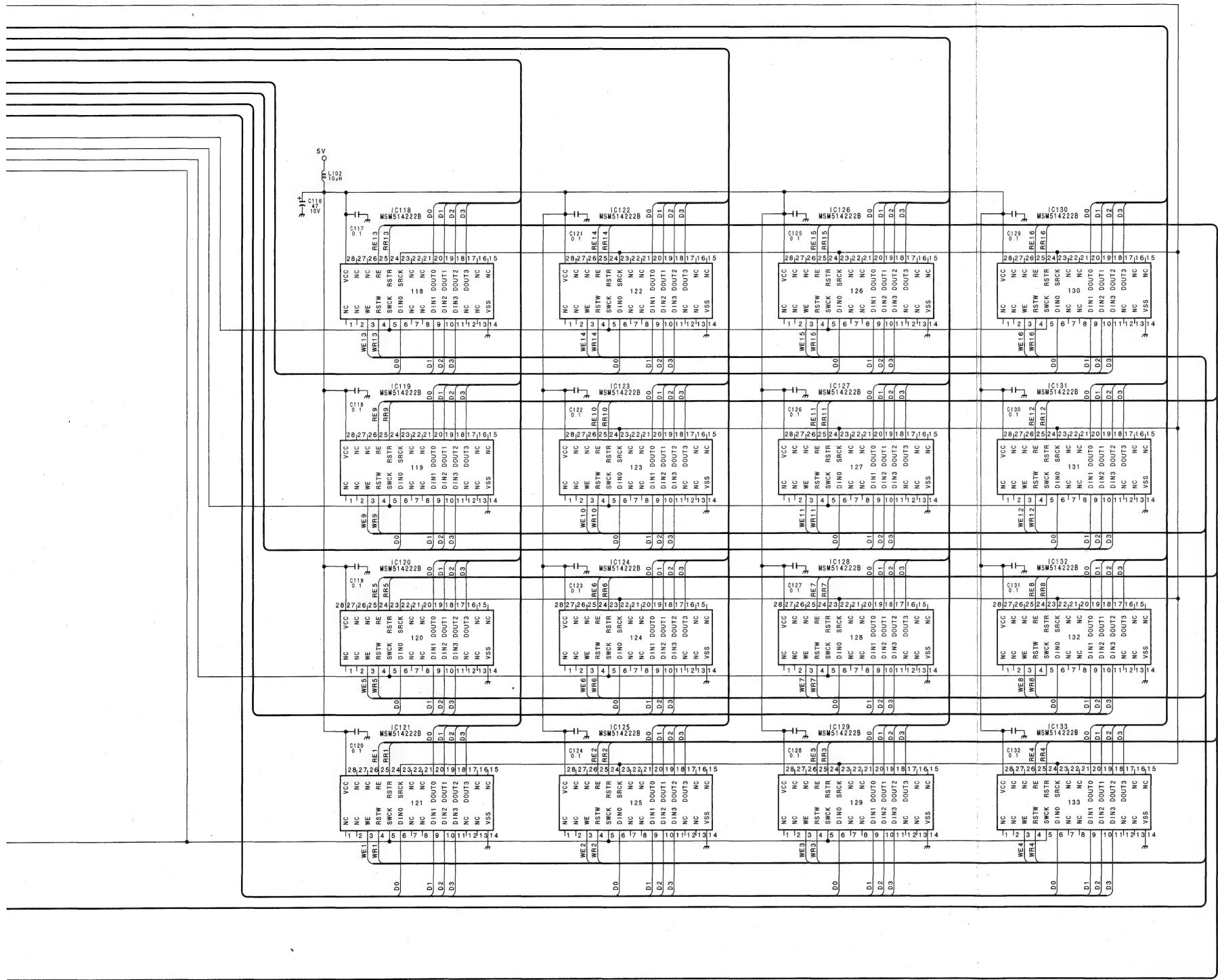
**DUS-53**  
MODEL DSR-85/85P



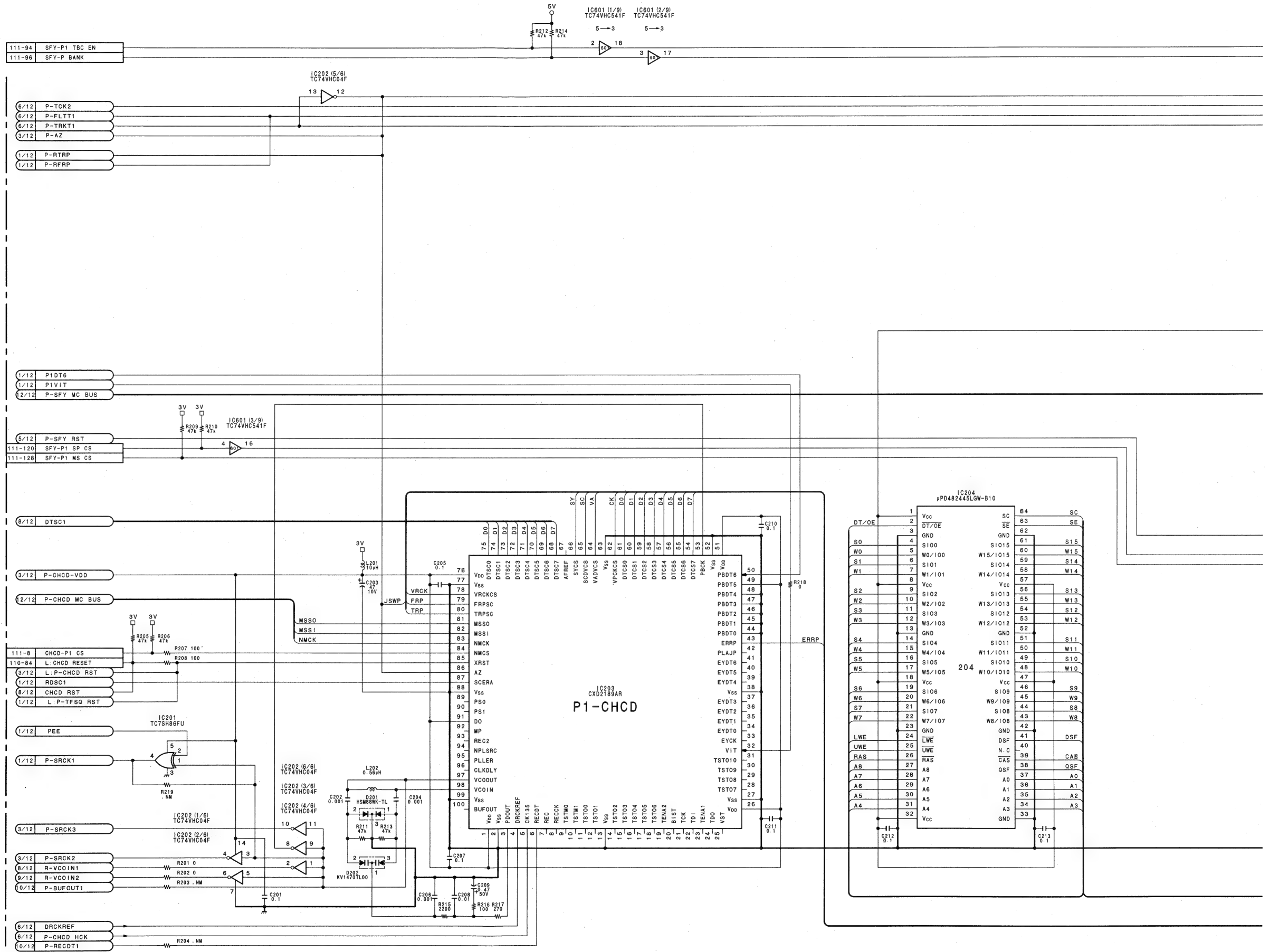
**DV-16 (1/12) : DIGITAL PROCESS**



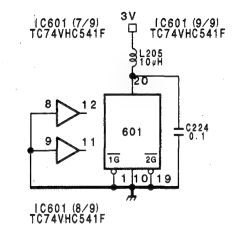






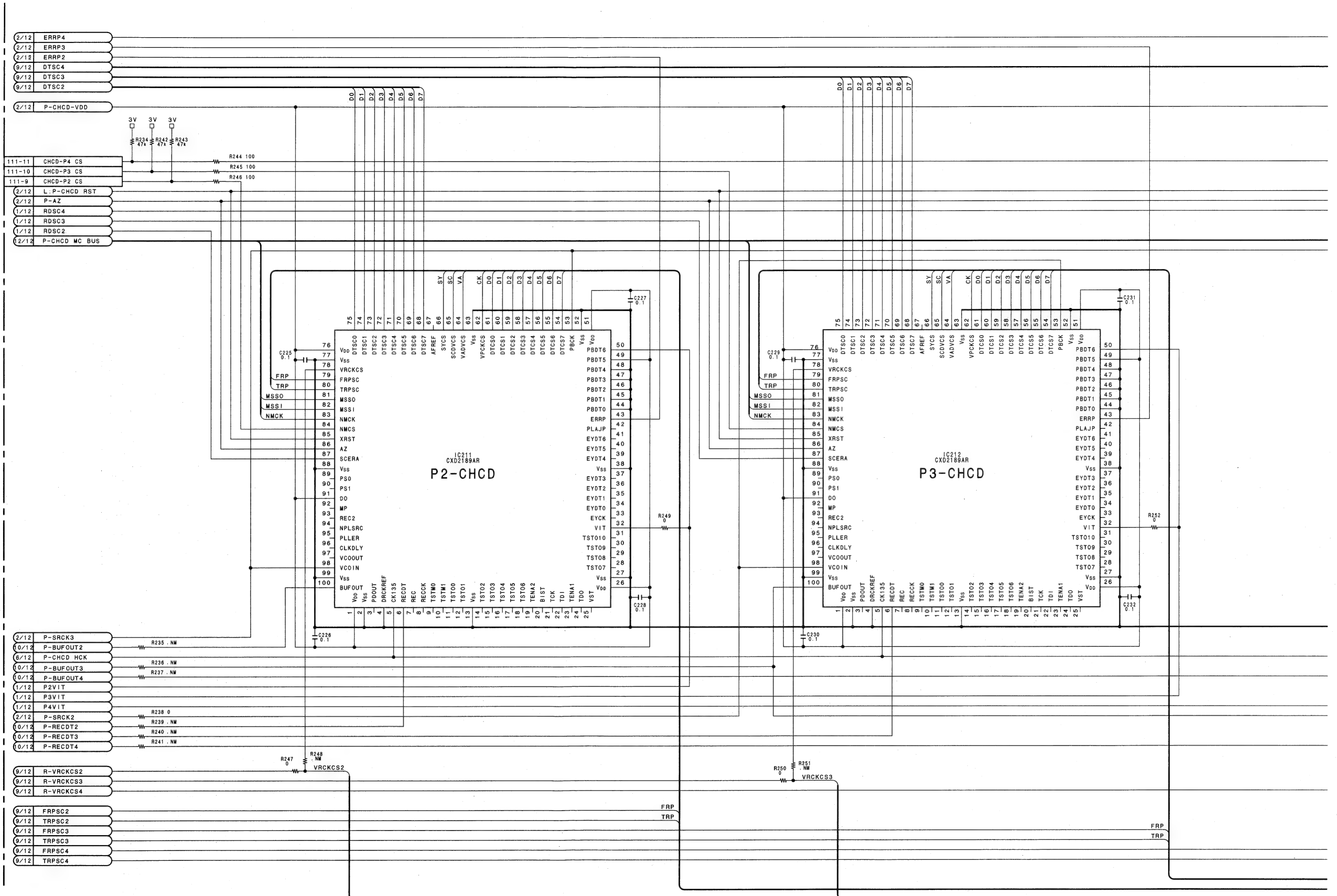
**DV-16 (2/12) : DIGITAL PROCESS**



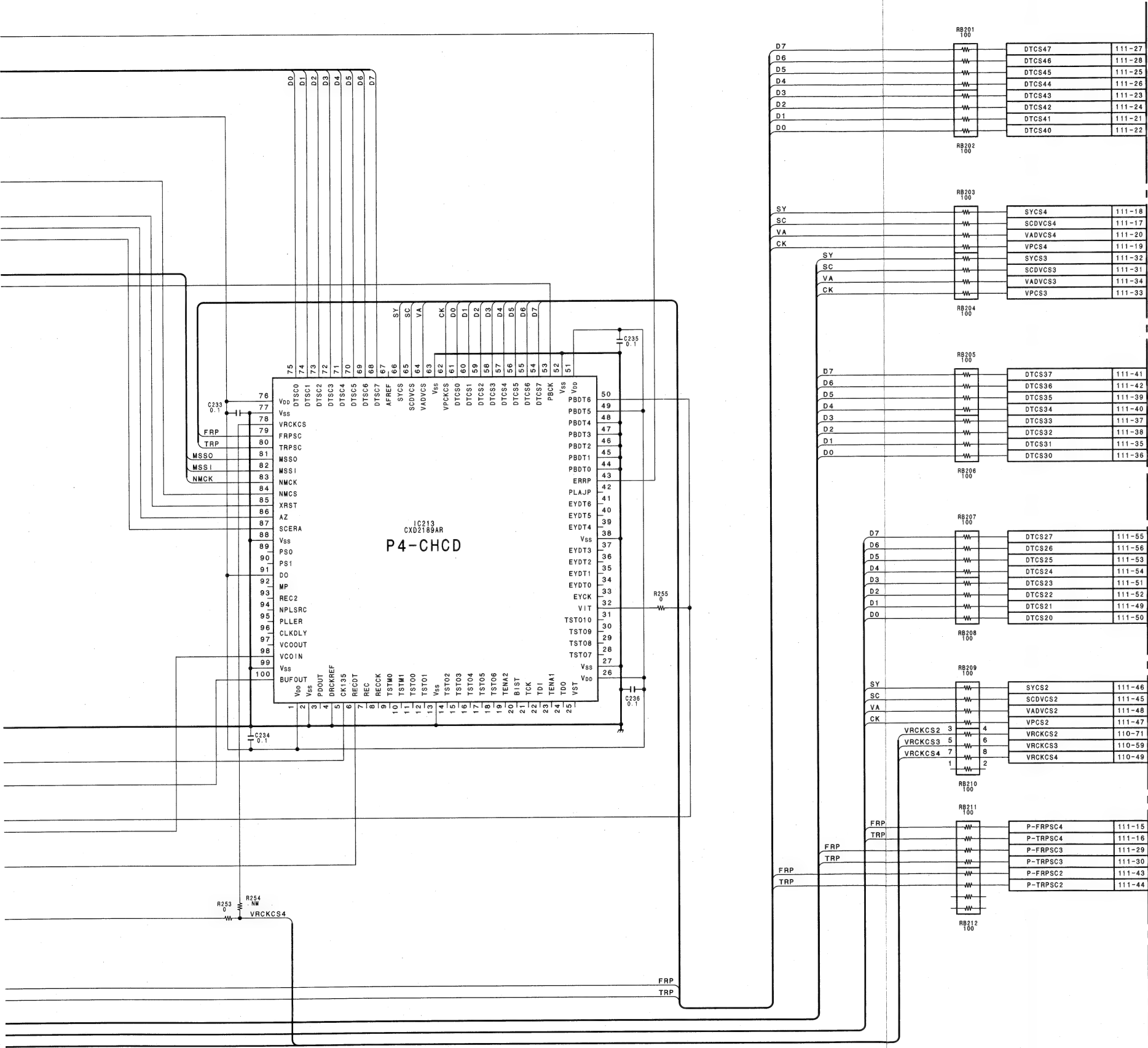




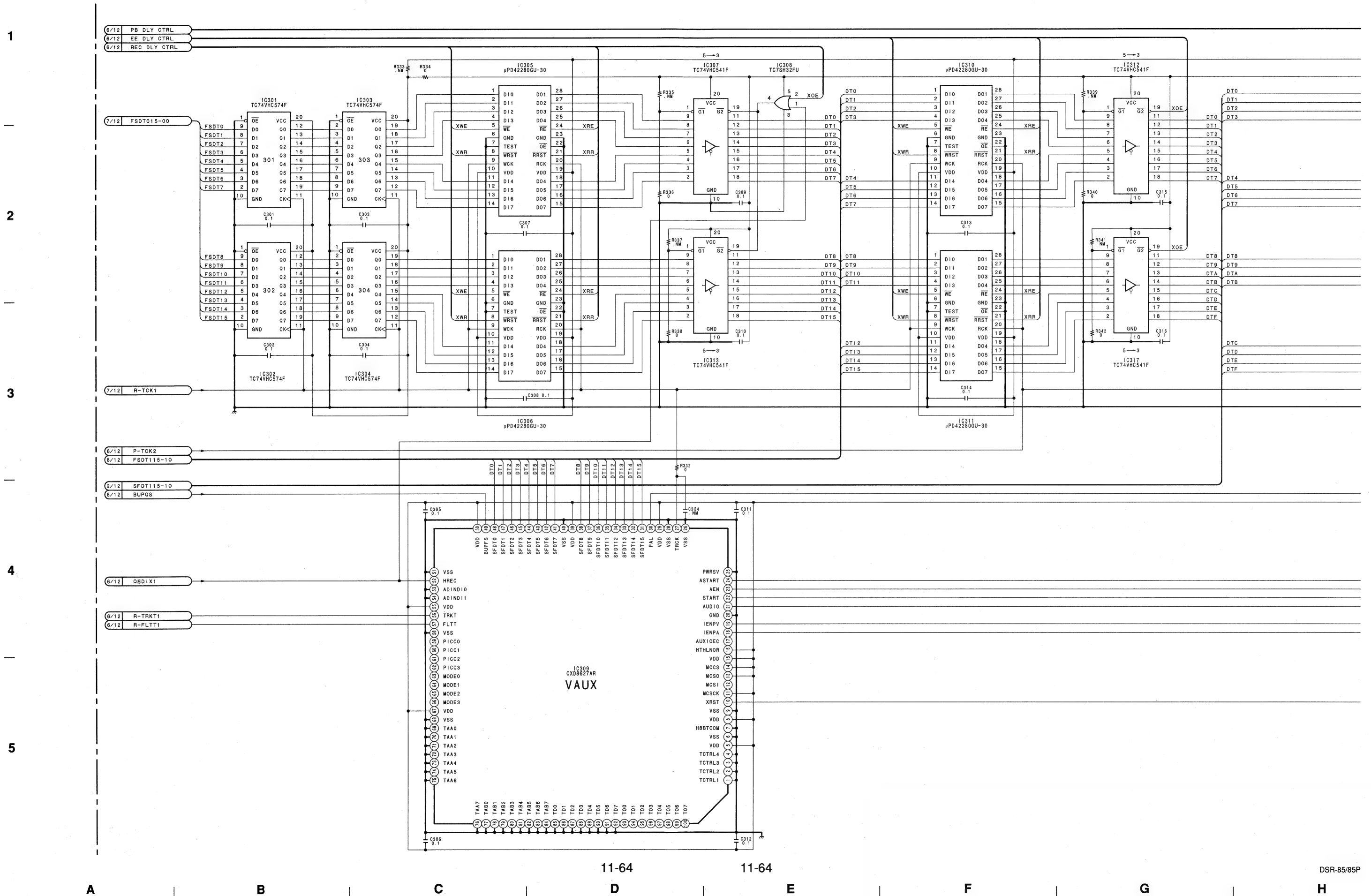
DV-16 (3/12) : DIGITAL PROCESS









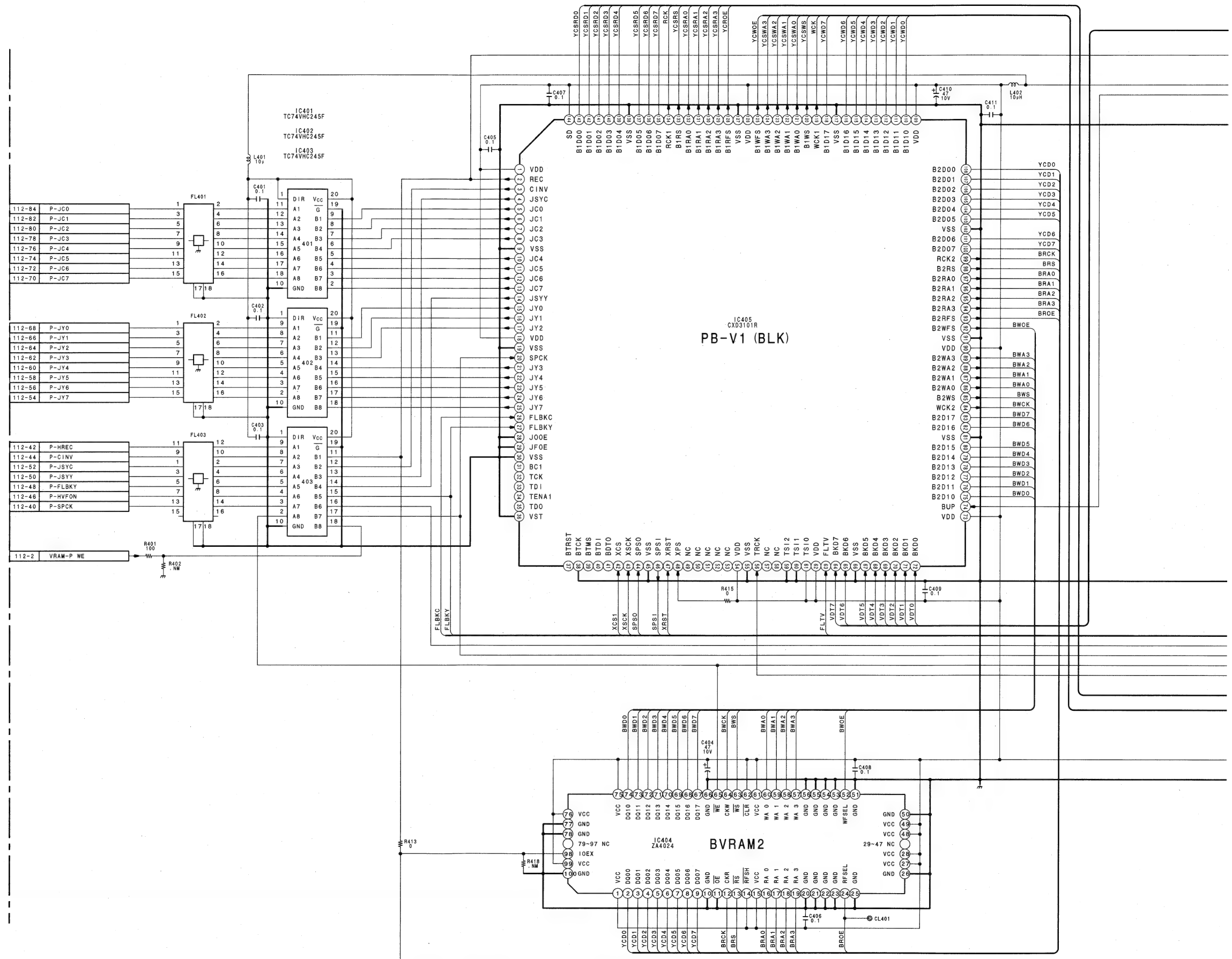
**DV-16 (4/12) : DIGITAL PROCESS**







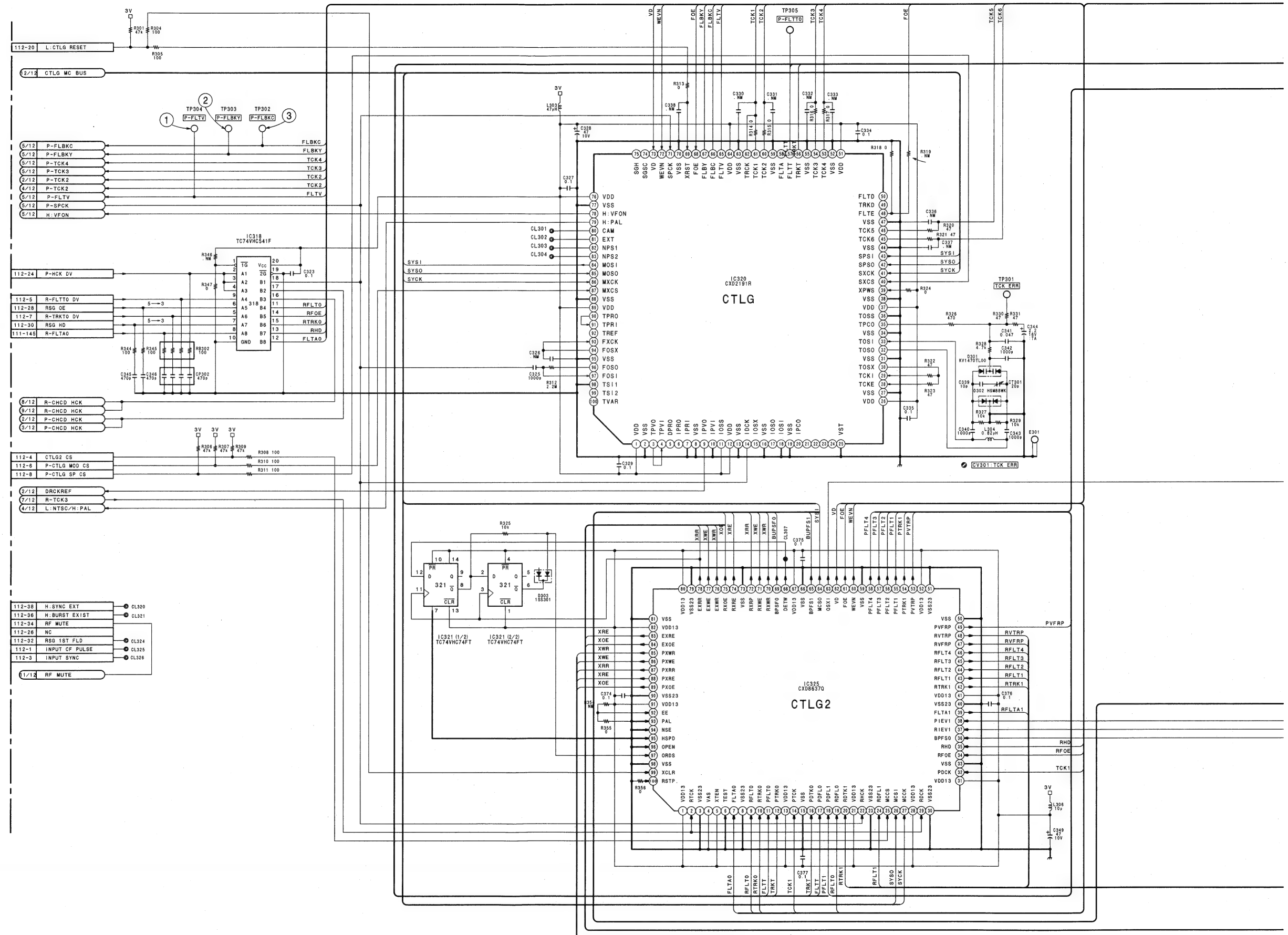
## DV-16 (5/12) : DIGITAL PROCESS



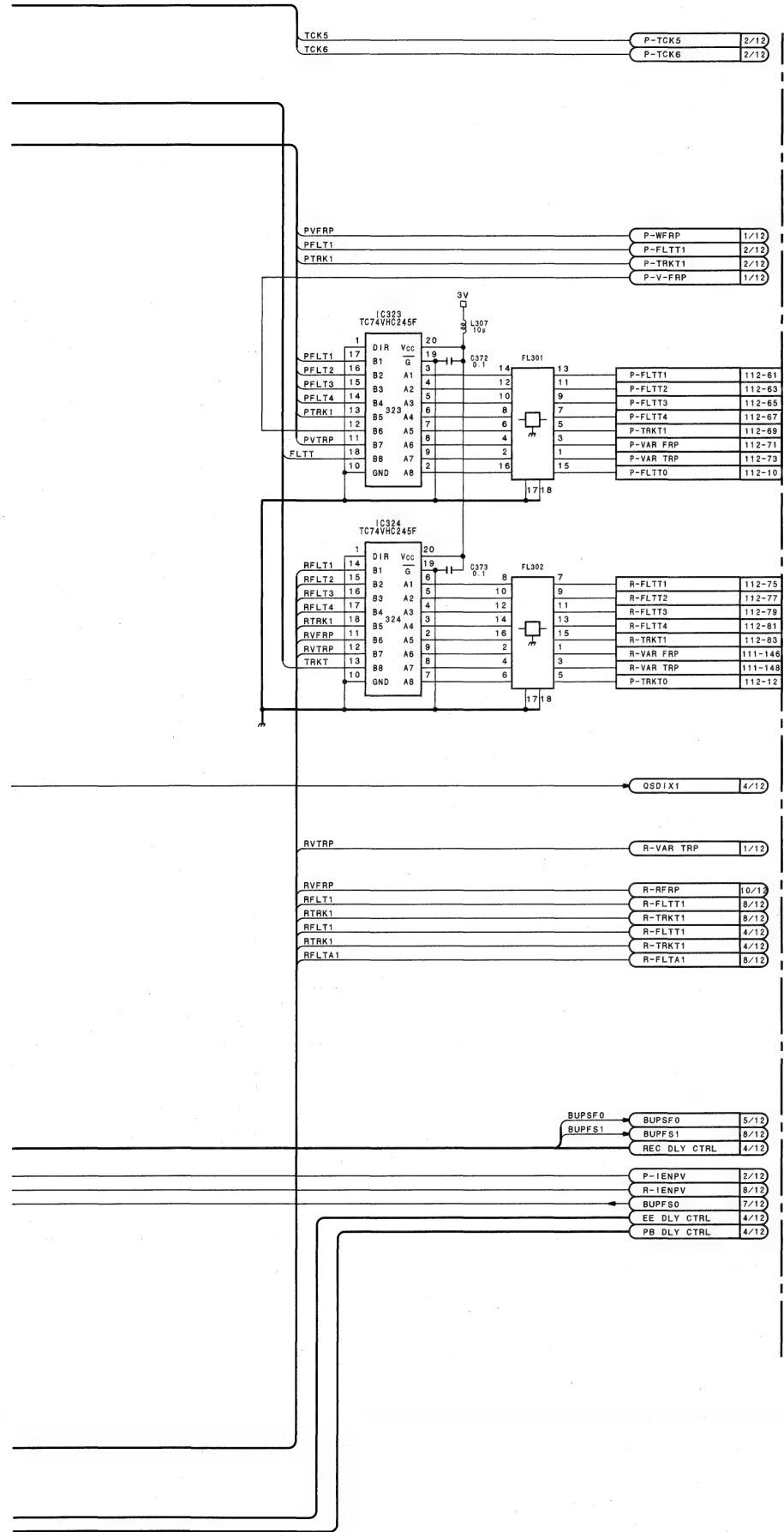




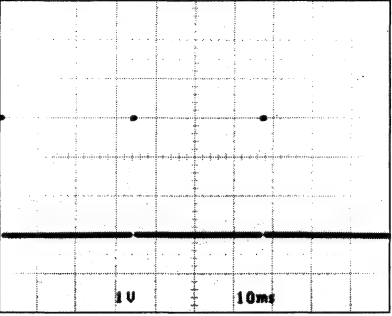


**DV-16 (6/12) : DIGITAL PROCESS**

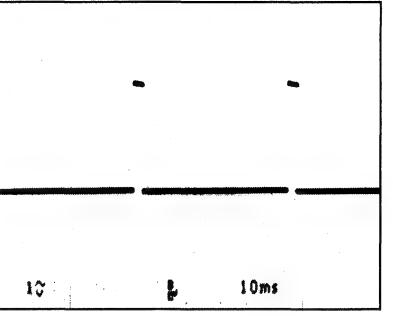




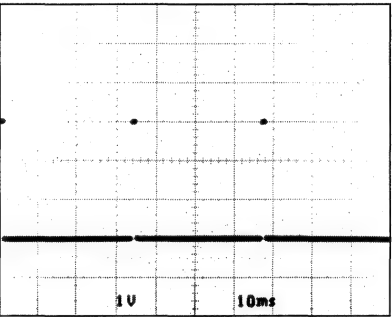
DV-16 (NTSC)  
① TP304 MODE: PB



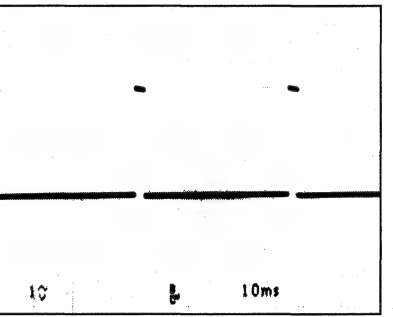
DV-16 (PAL)  
① TP304 MODE: PB



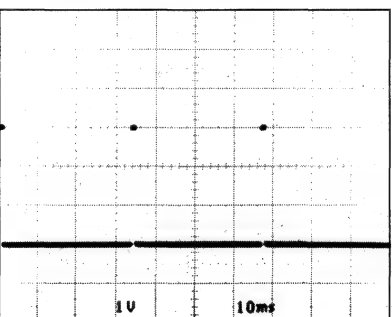
② TP303 MODE: PB



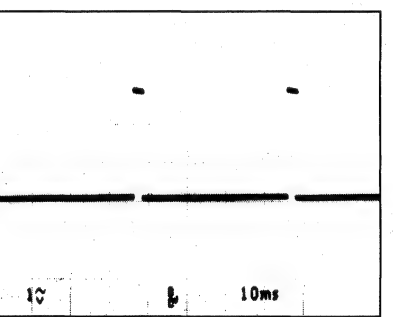
② TP303 MODE: PB



③ TP302 MODE: PB

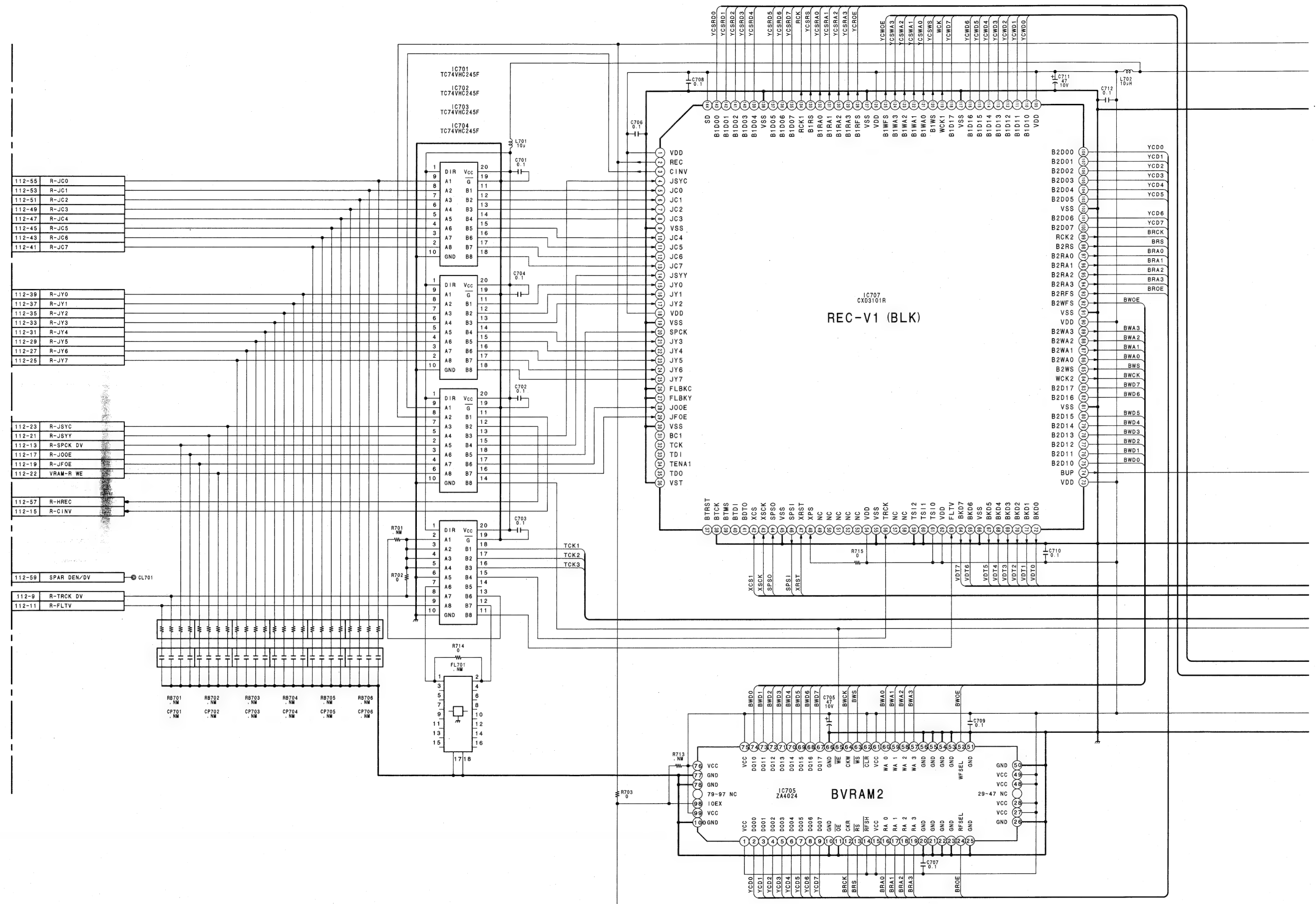


③ TP302 MODE: PB





**DV-16 (7/12) : DIGITAL PROCESS**

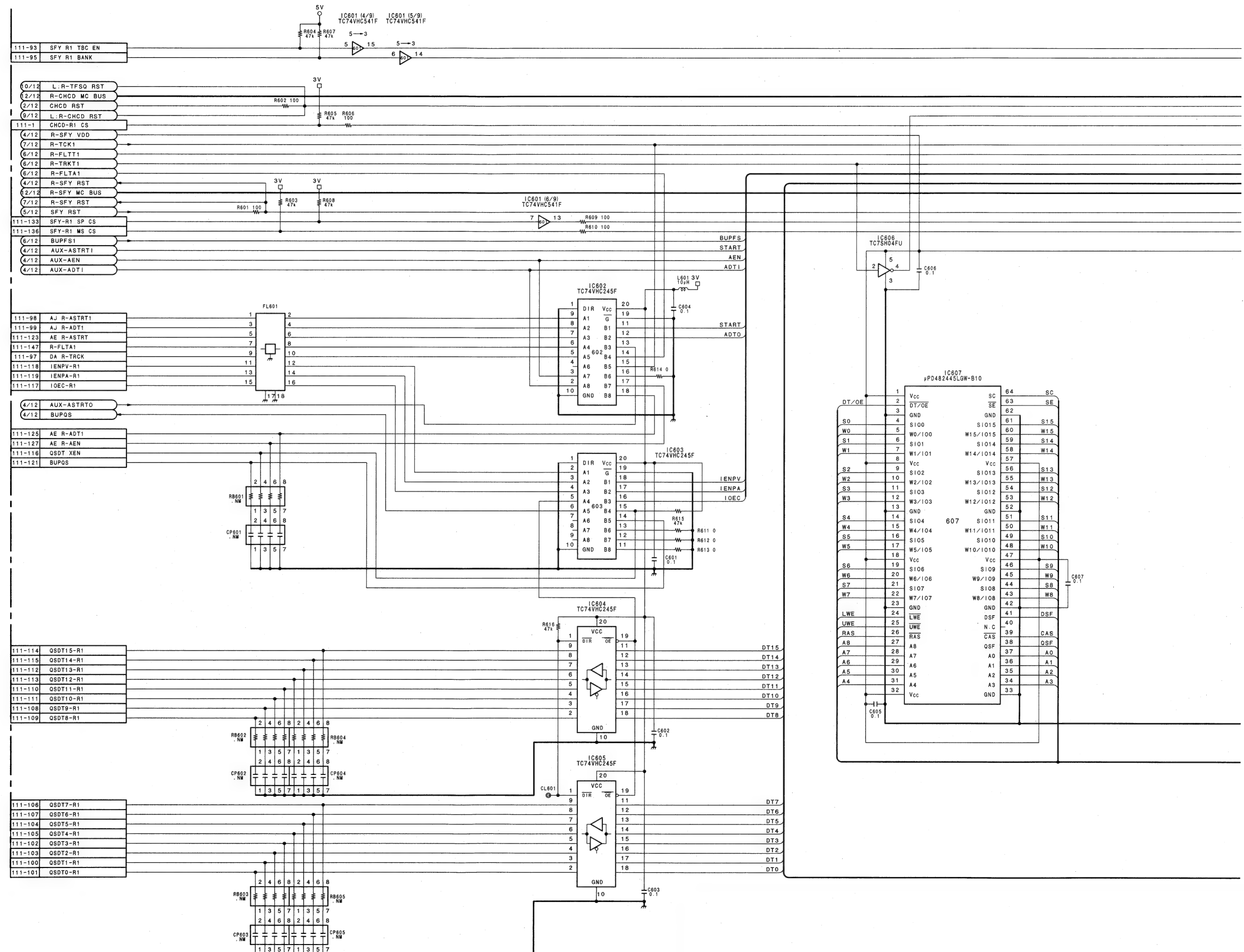




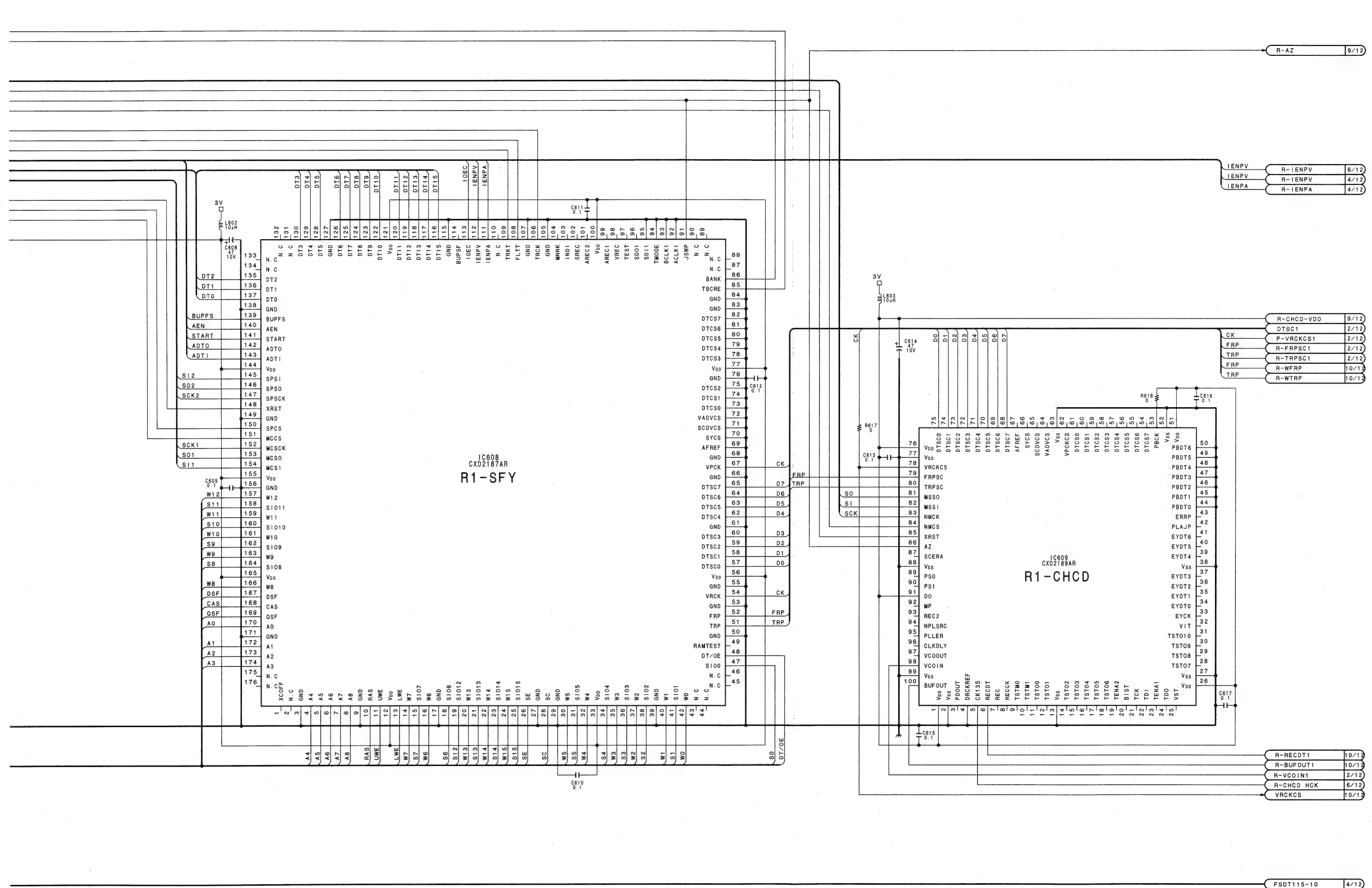




## DV-16 (8/12) : DIGITAL PROCESS

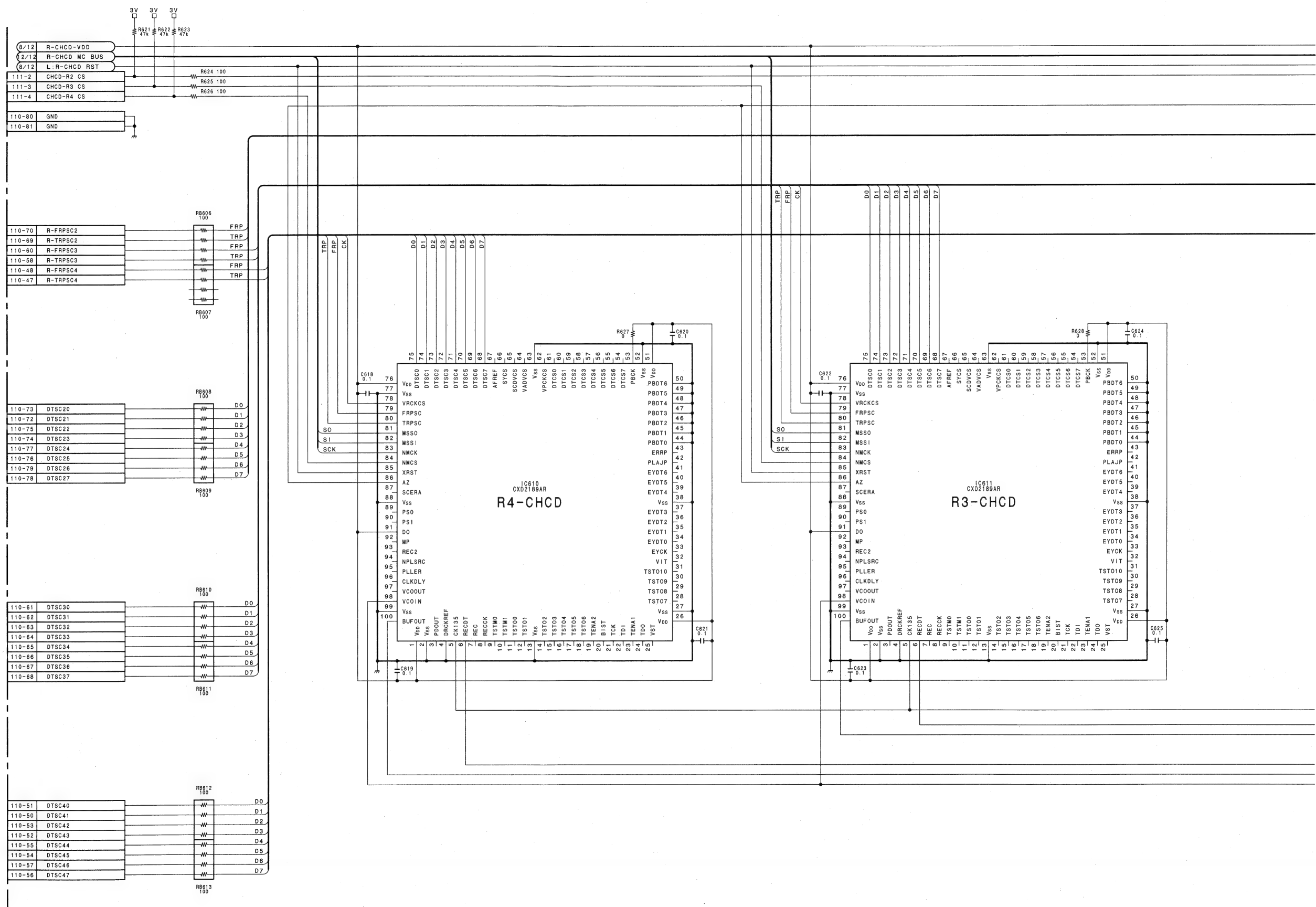




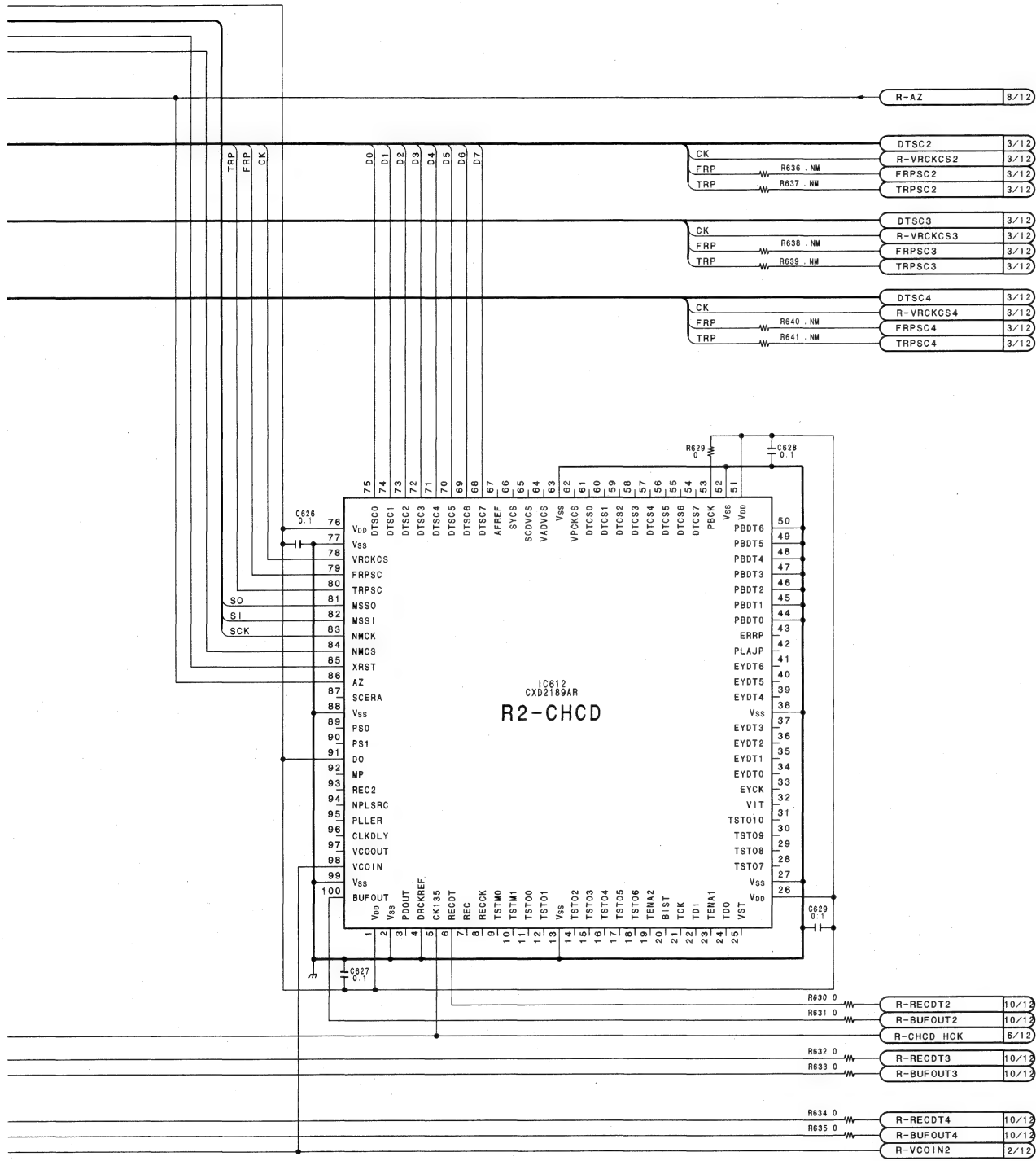




DV-16 (9/12) : DIGITAL PROCESS









DV-16 (10/12) : DIGITAL PROCESS

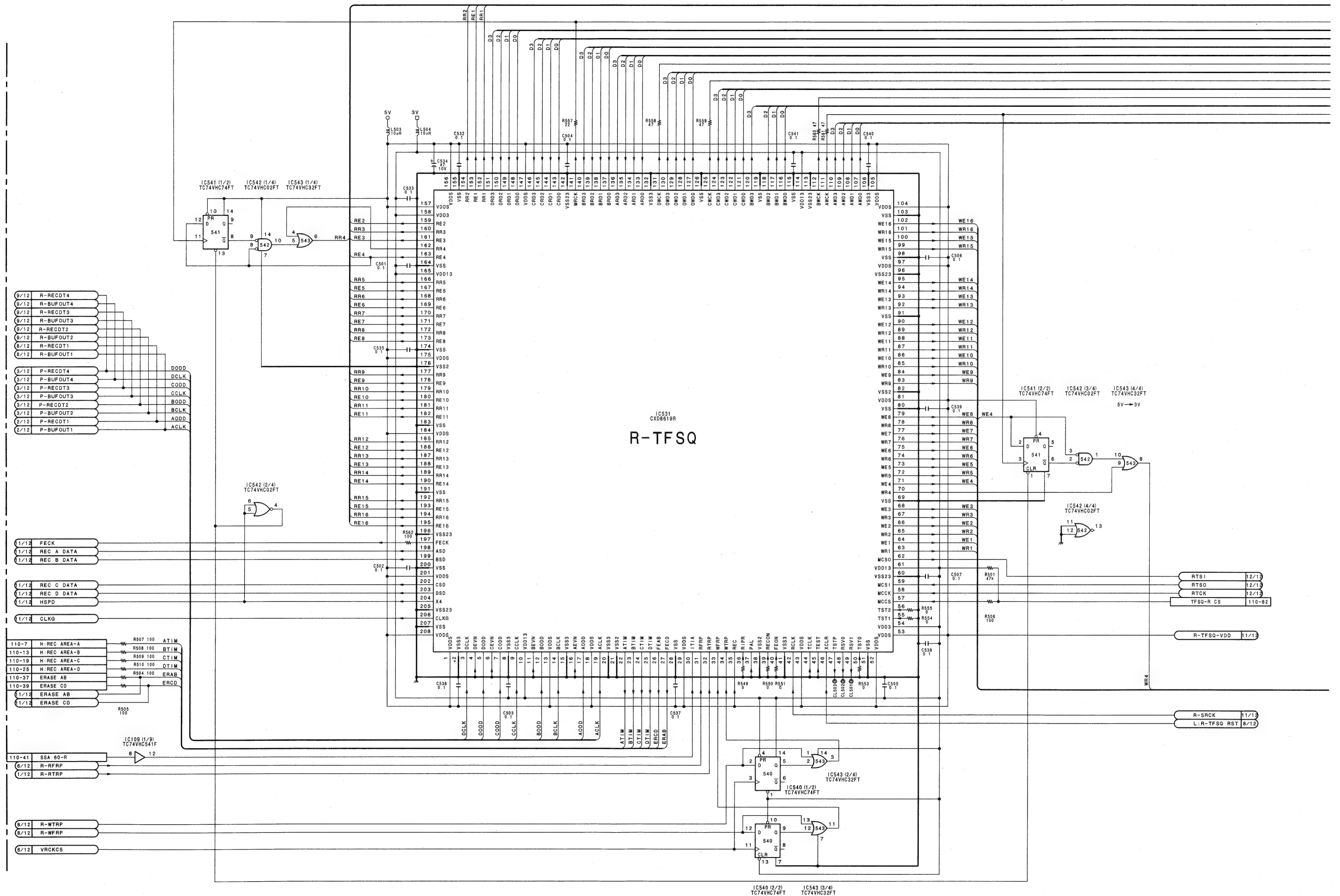
1

2

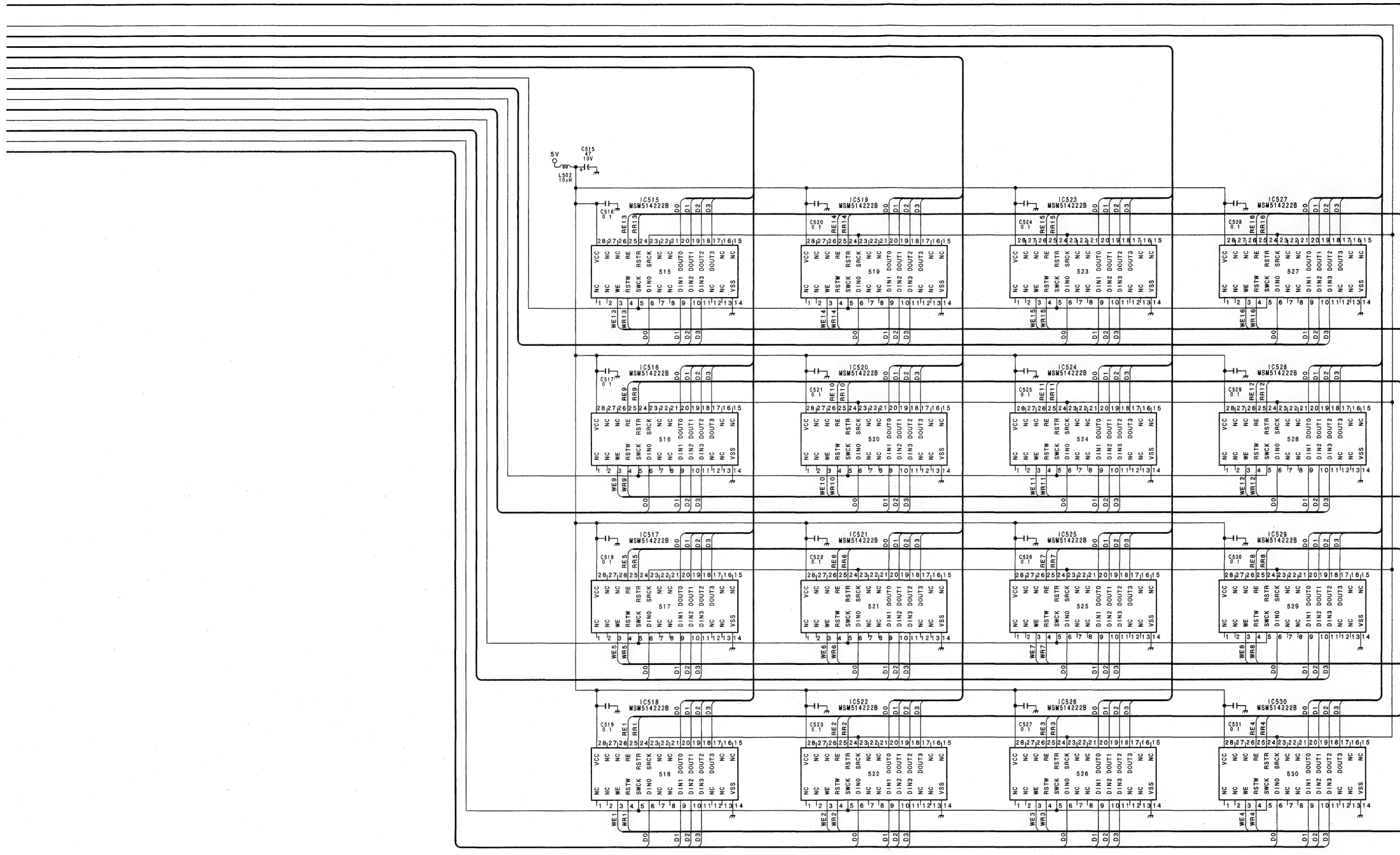
3

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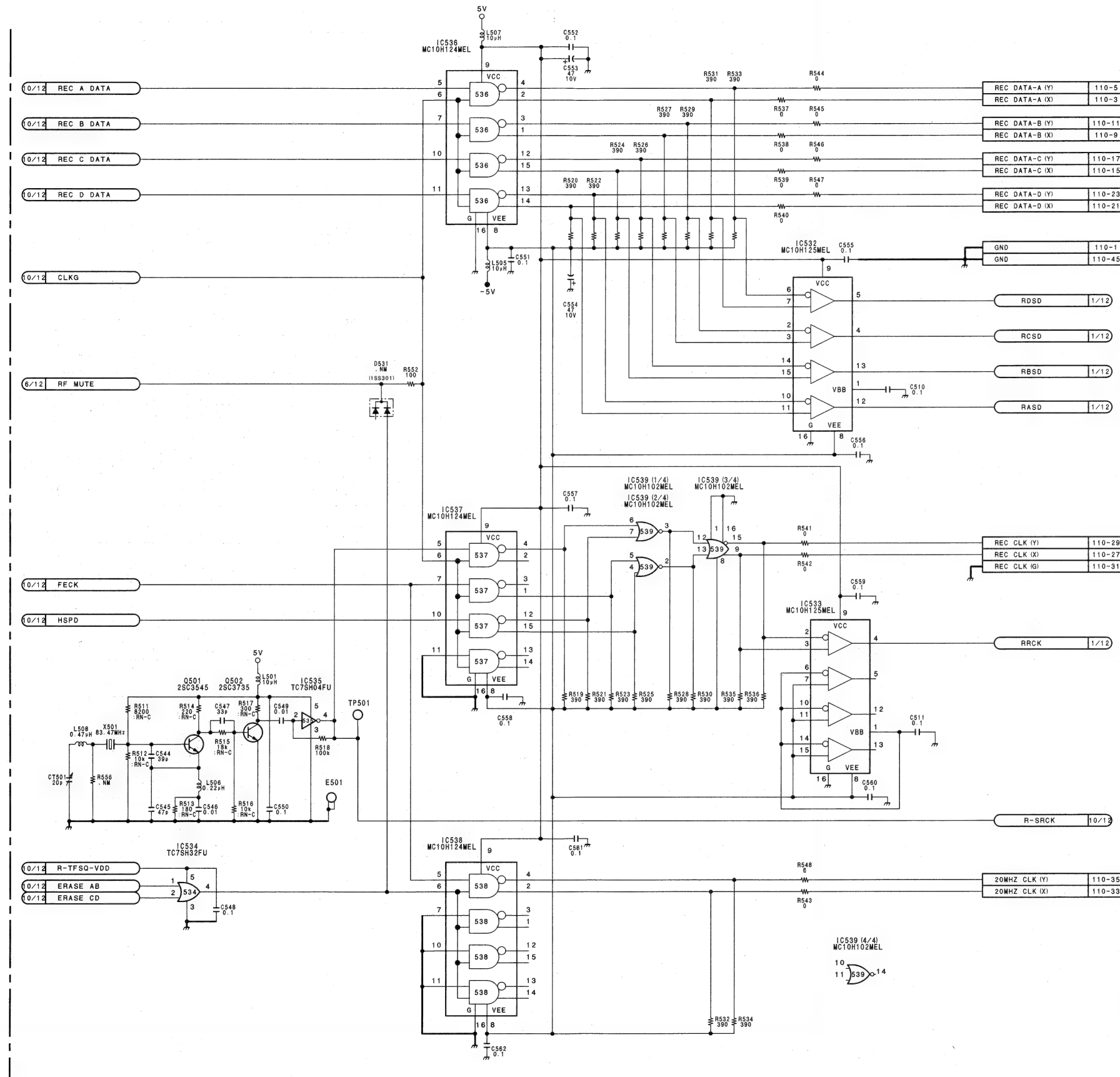






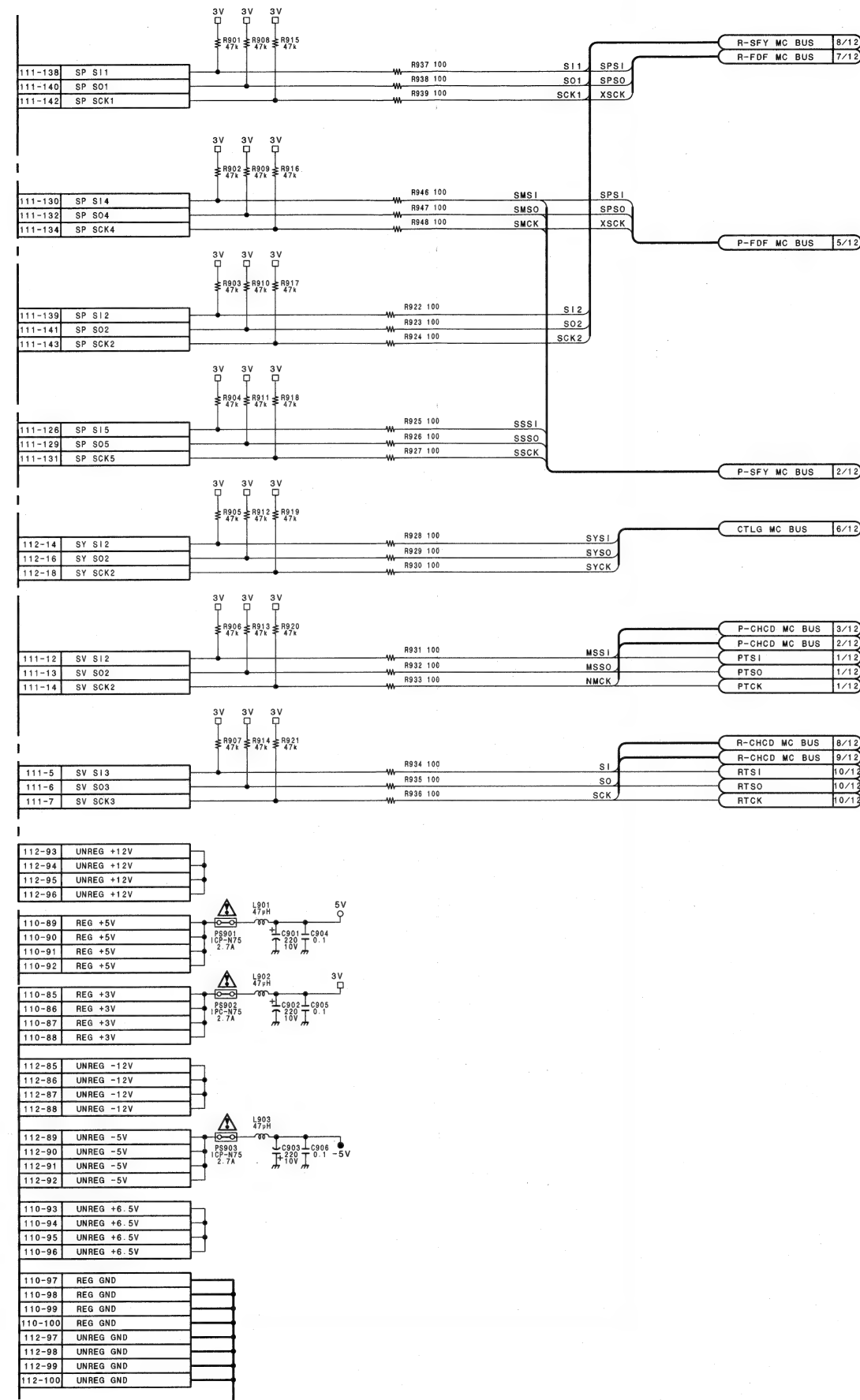


DV-16 (11/12) : DIGITAL PROCESS





DV-16 (12/12) : DIGITAL PROCESS

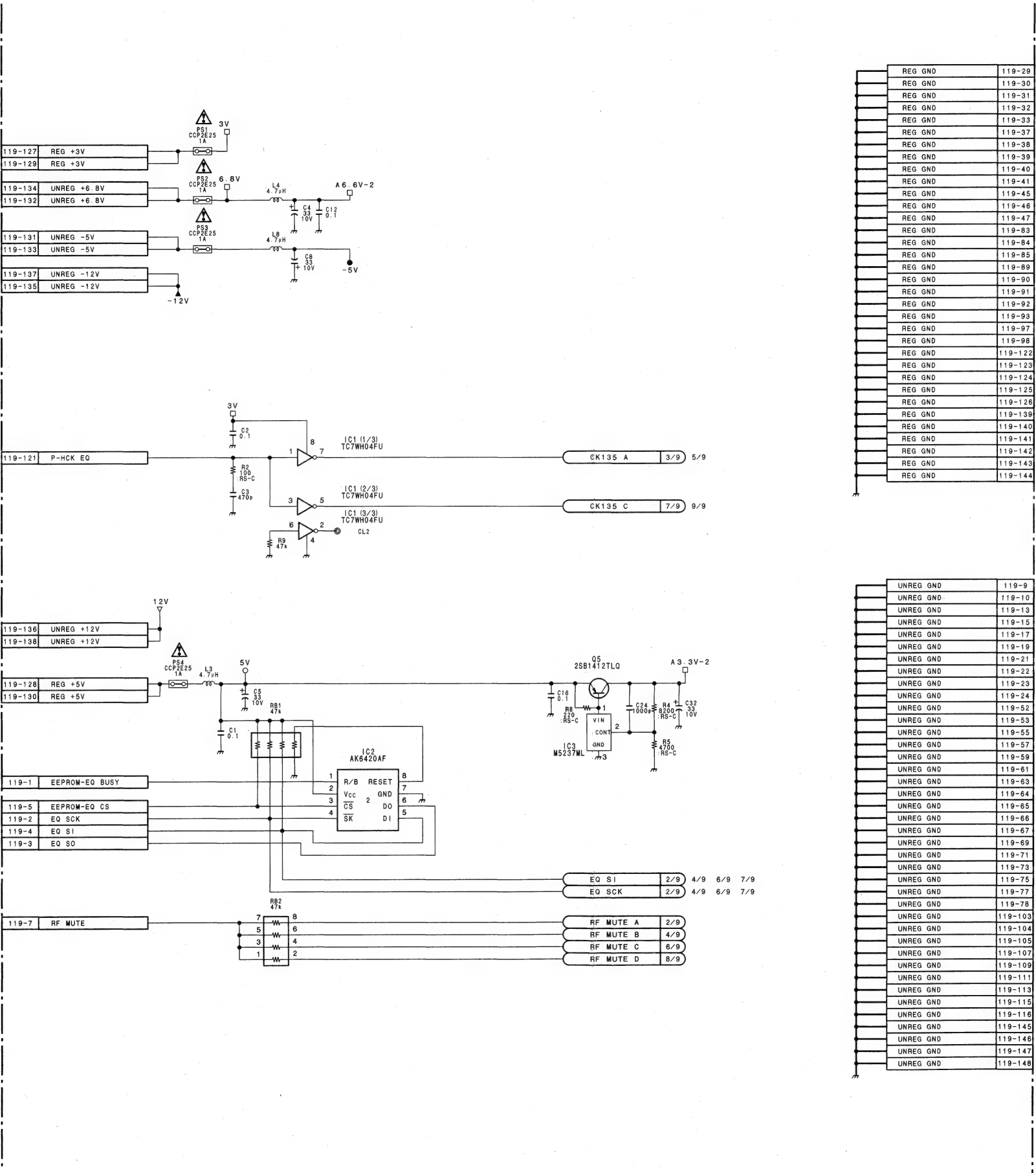








EQ-57 (1/9) : RF DATA PROCESS





EQ-57 (2/9) : RF DATA PROCESS

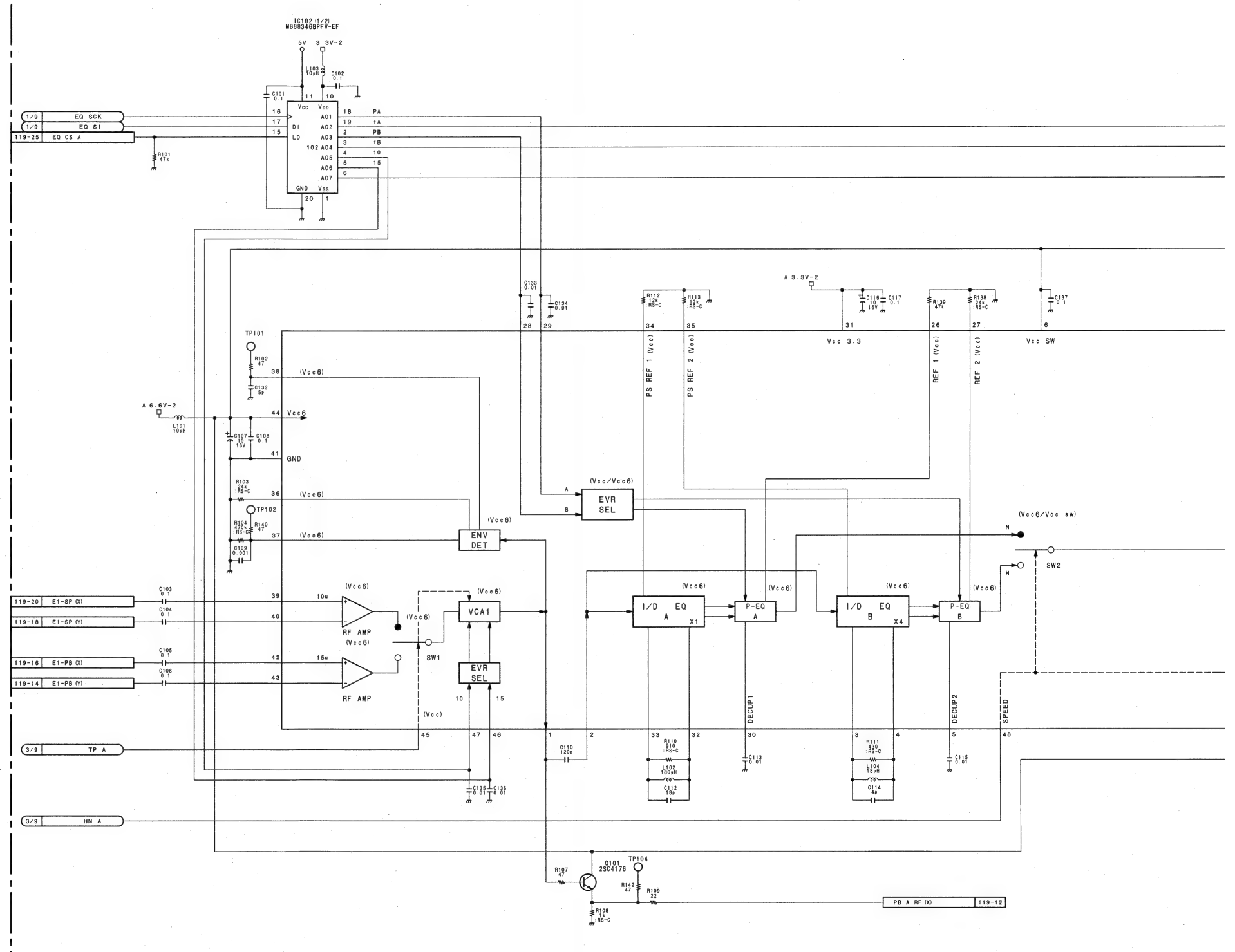
1

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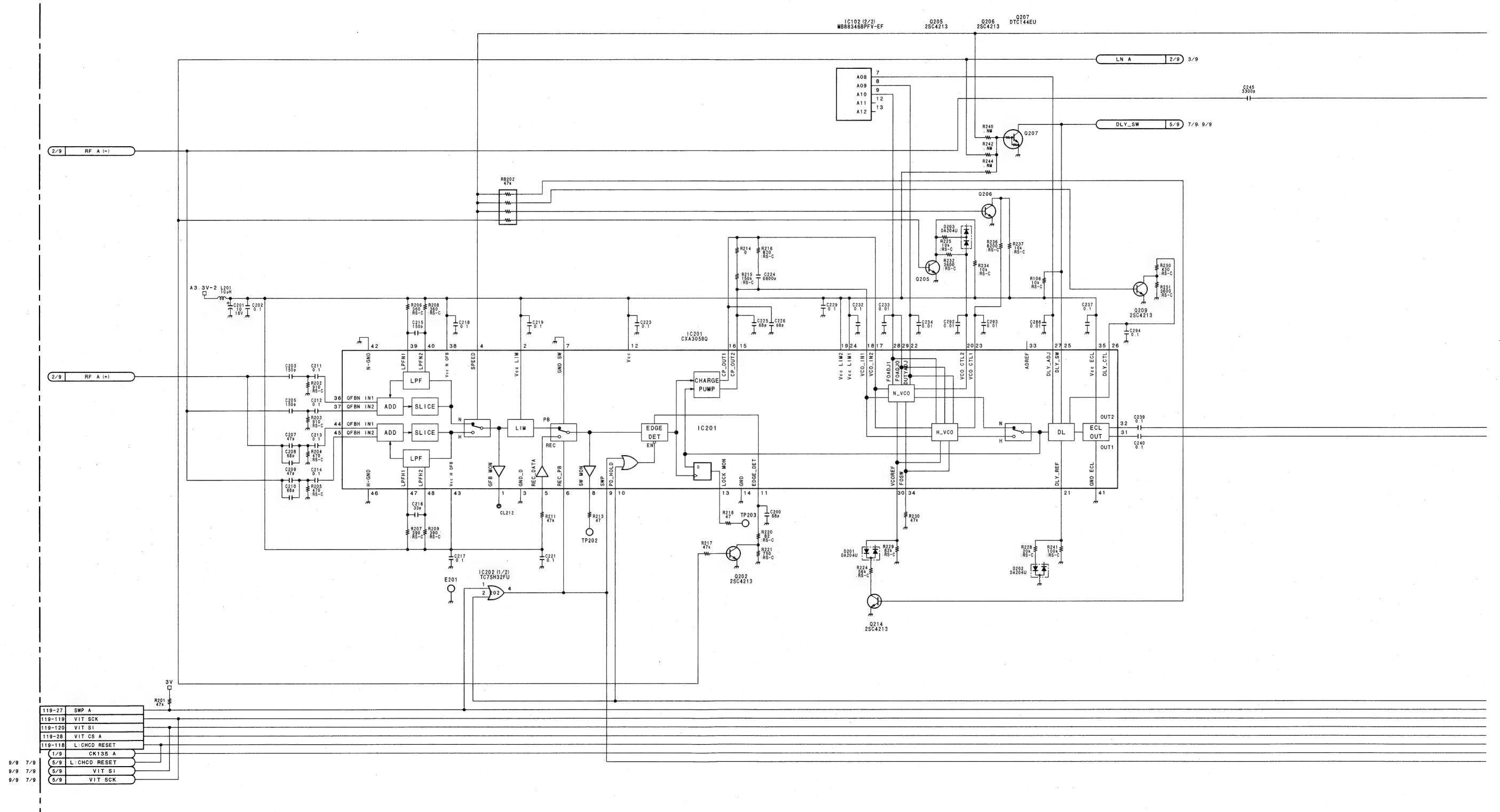








**EQ-57 (3/9) : RF DATA PROCESS**



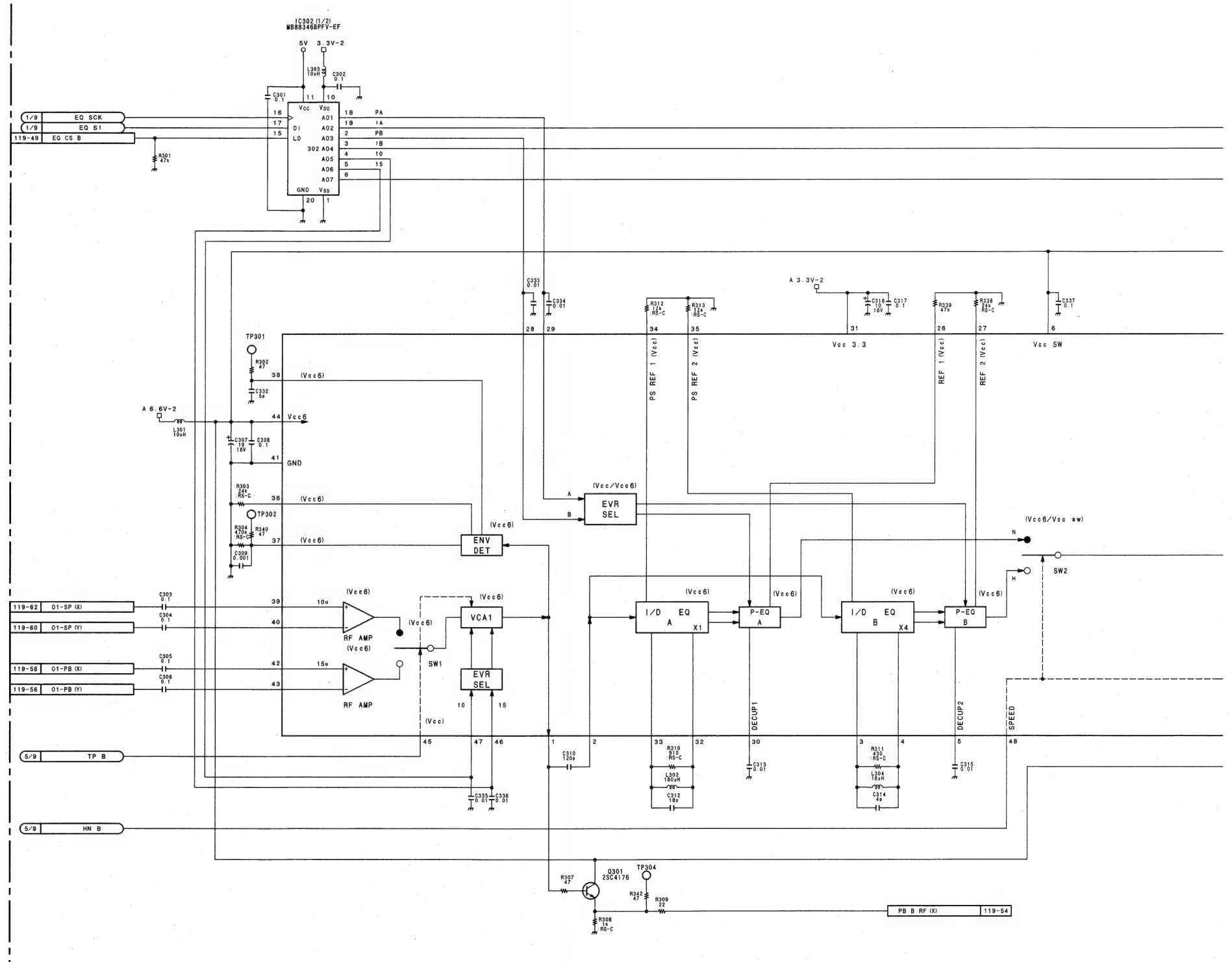






### EQ-57 (4/9) : RF DATA PROCESS

5









EQ-57 (5/9) : RF DATA PROCESS

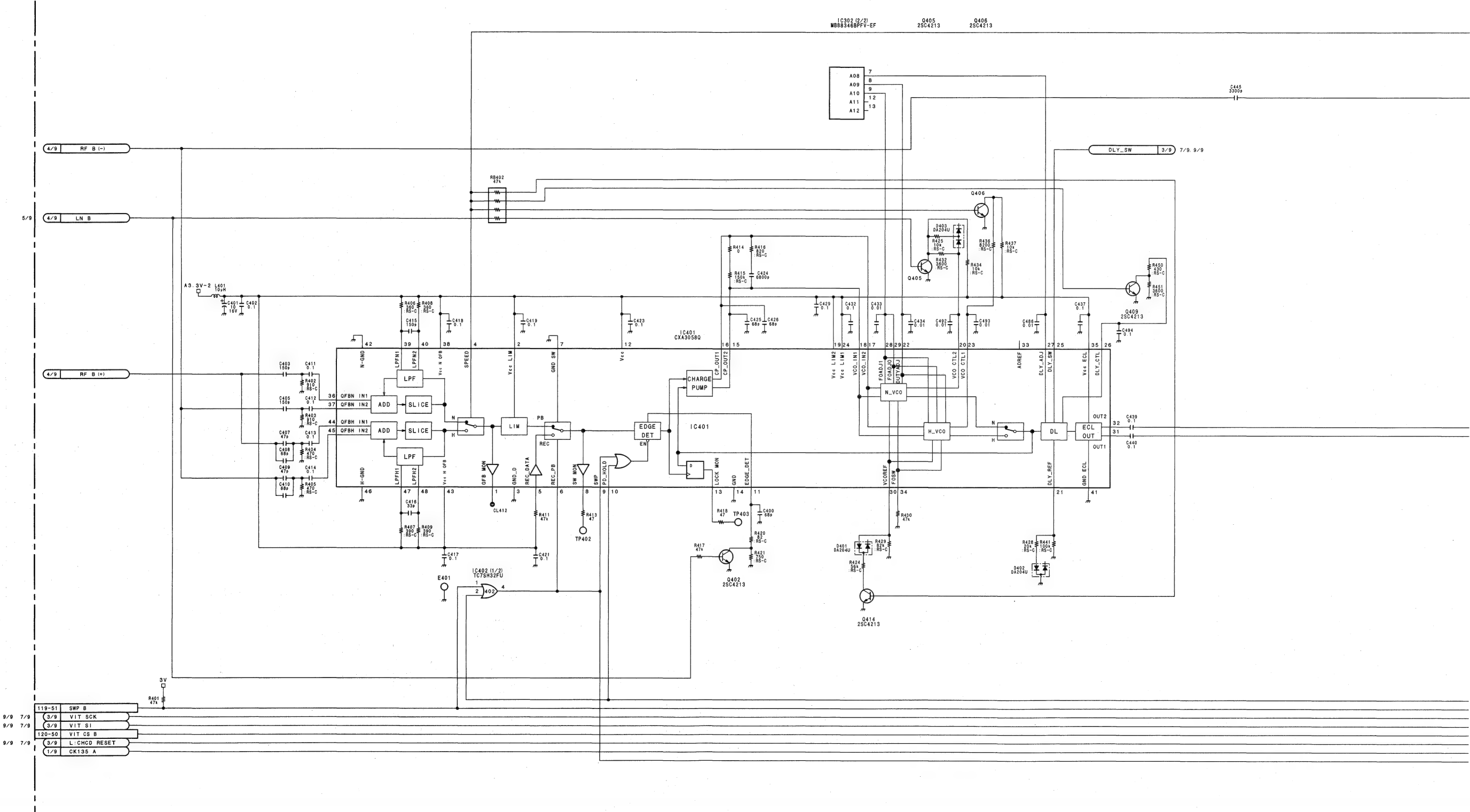
1

2

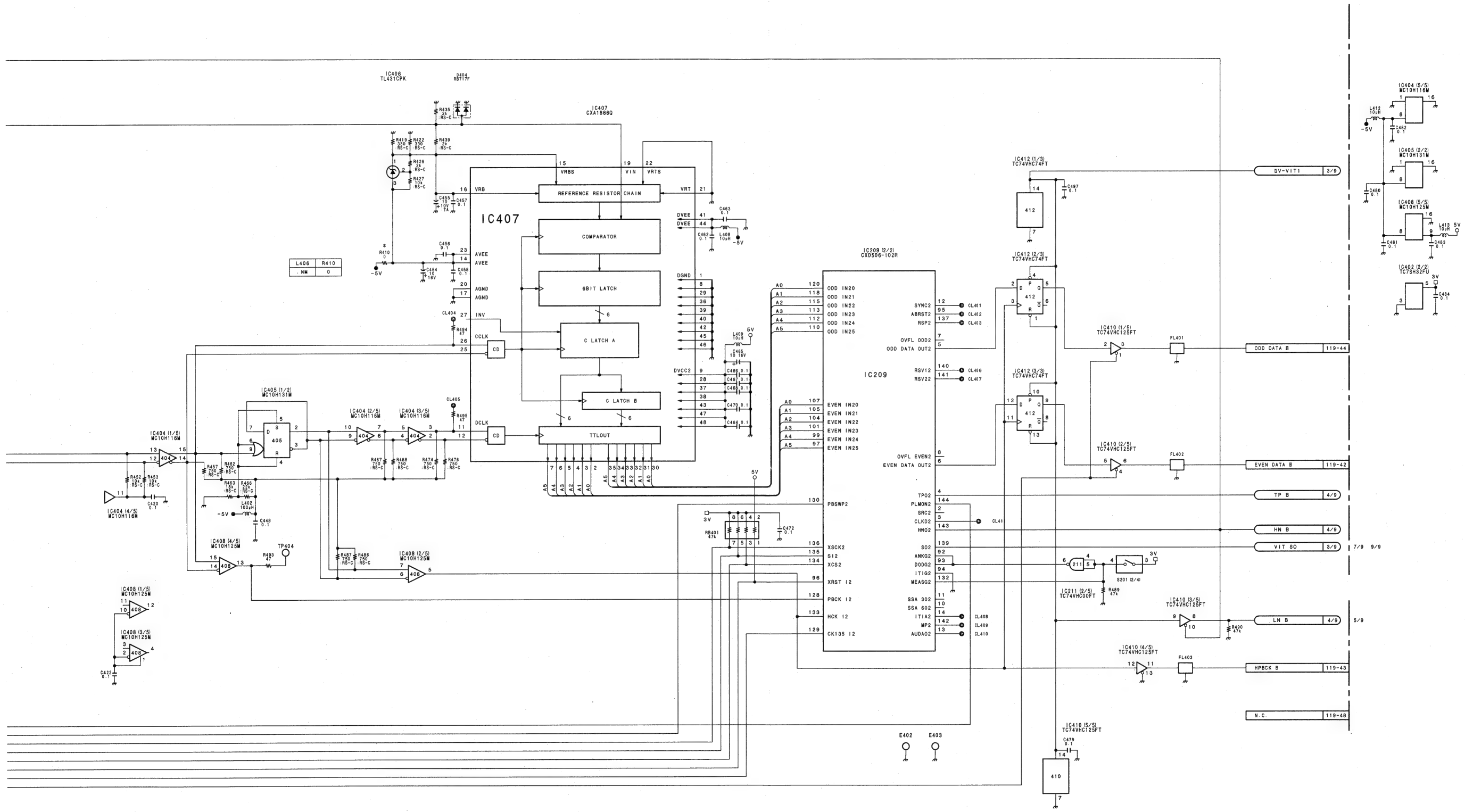
3

4

5

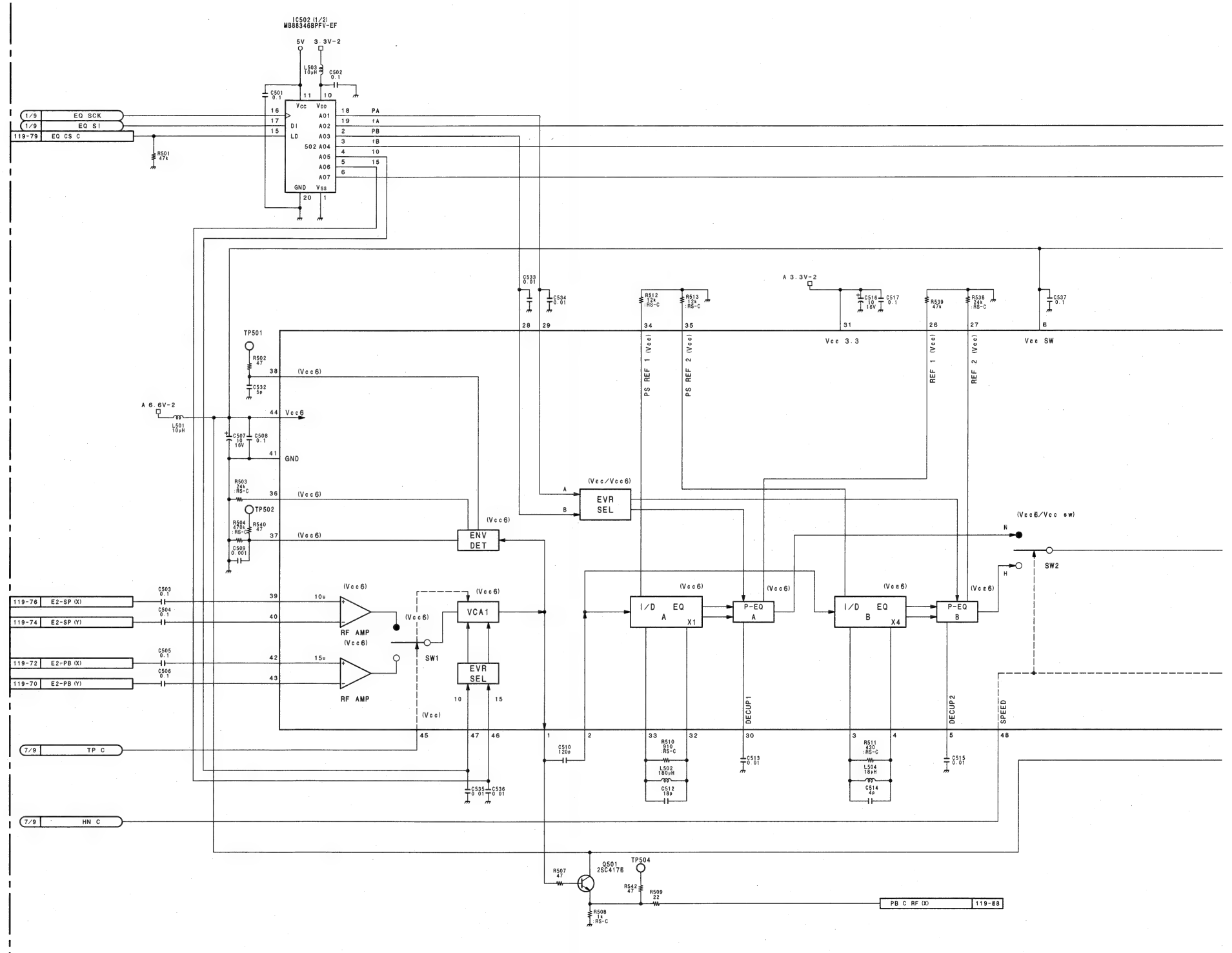




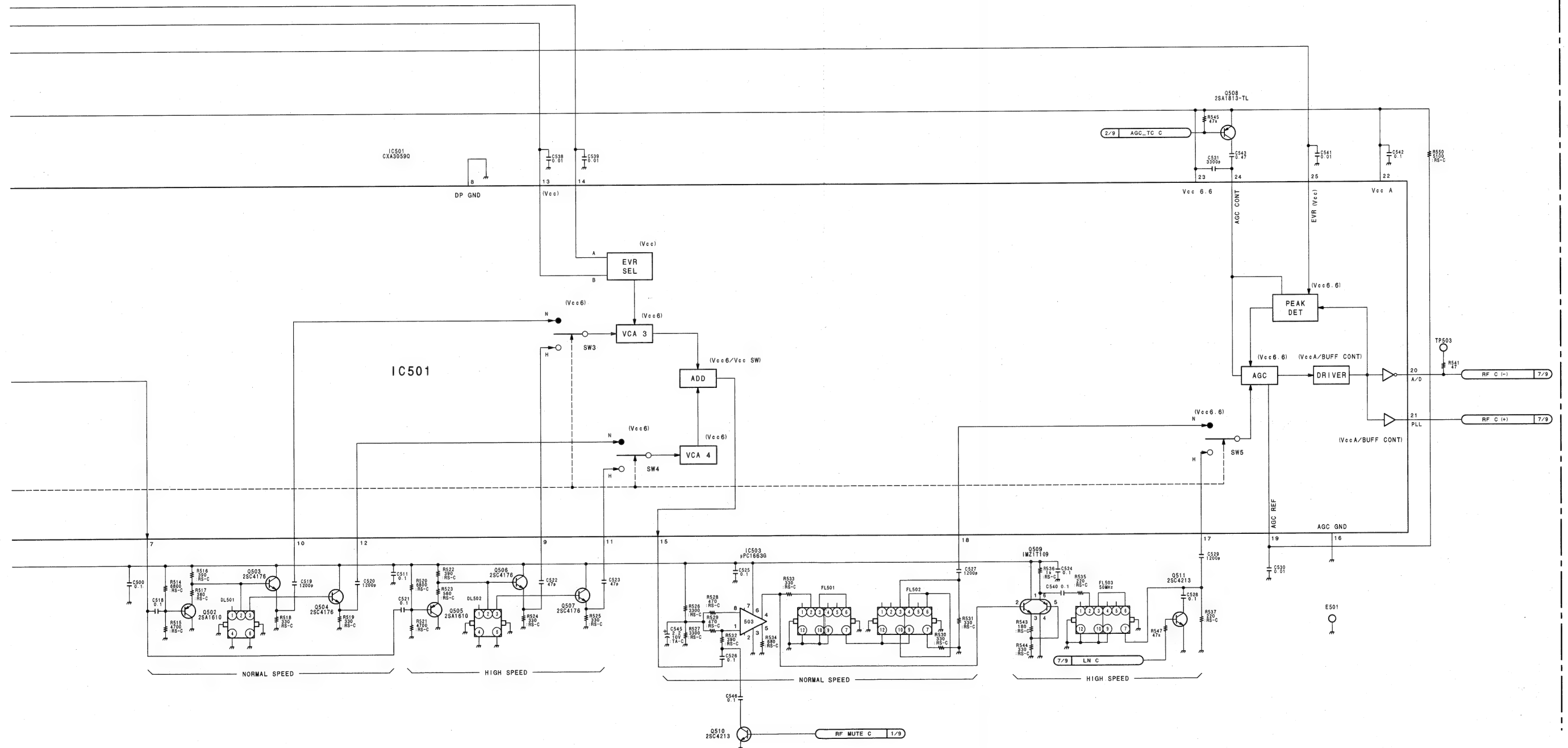




**EQ-57 (6/9) : RF DATA PROCESS**









EQ-57 (7/9) : RF DATA PROCESS

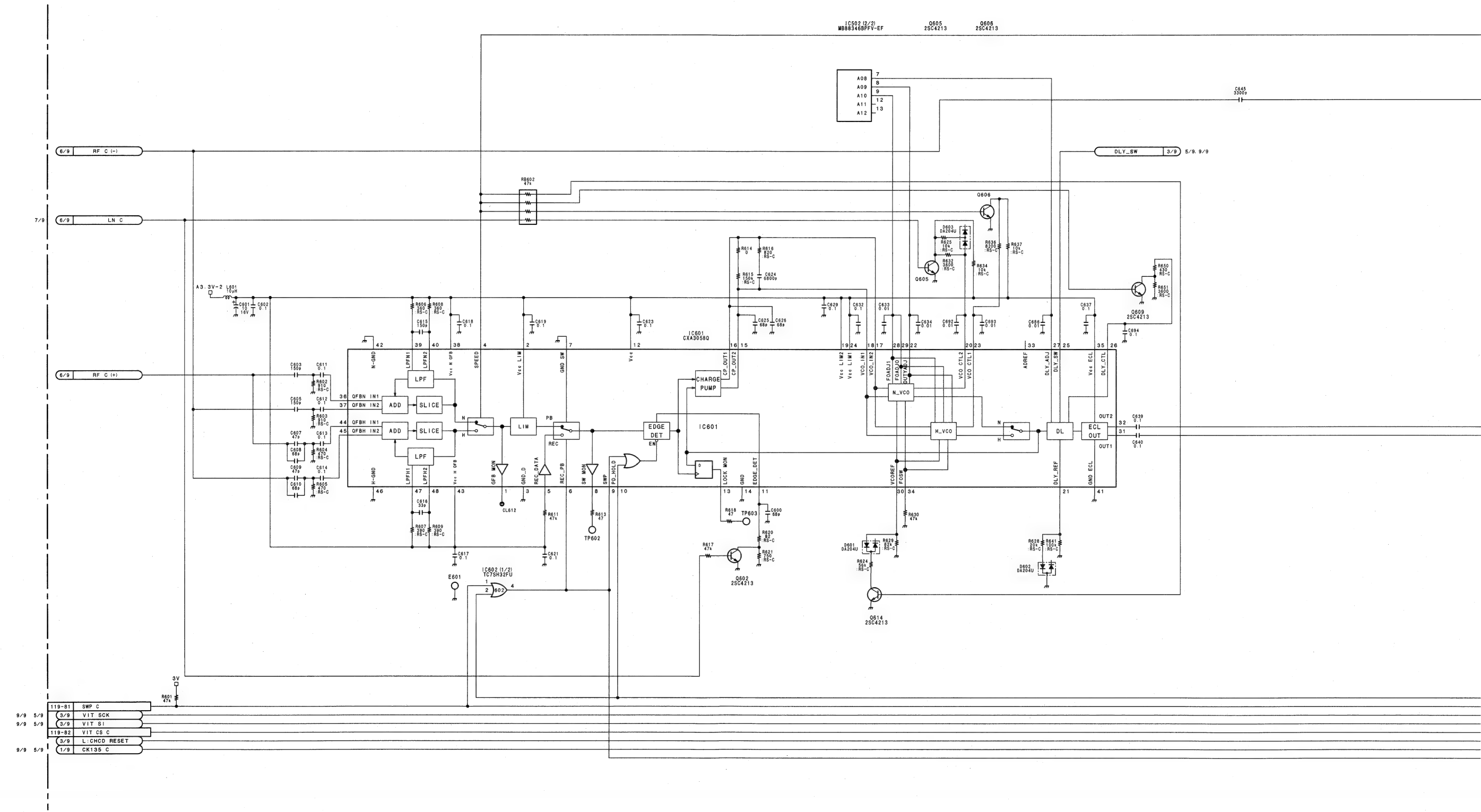
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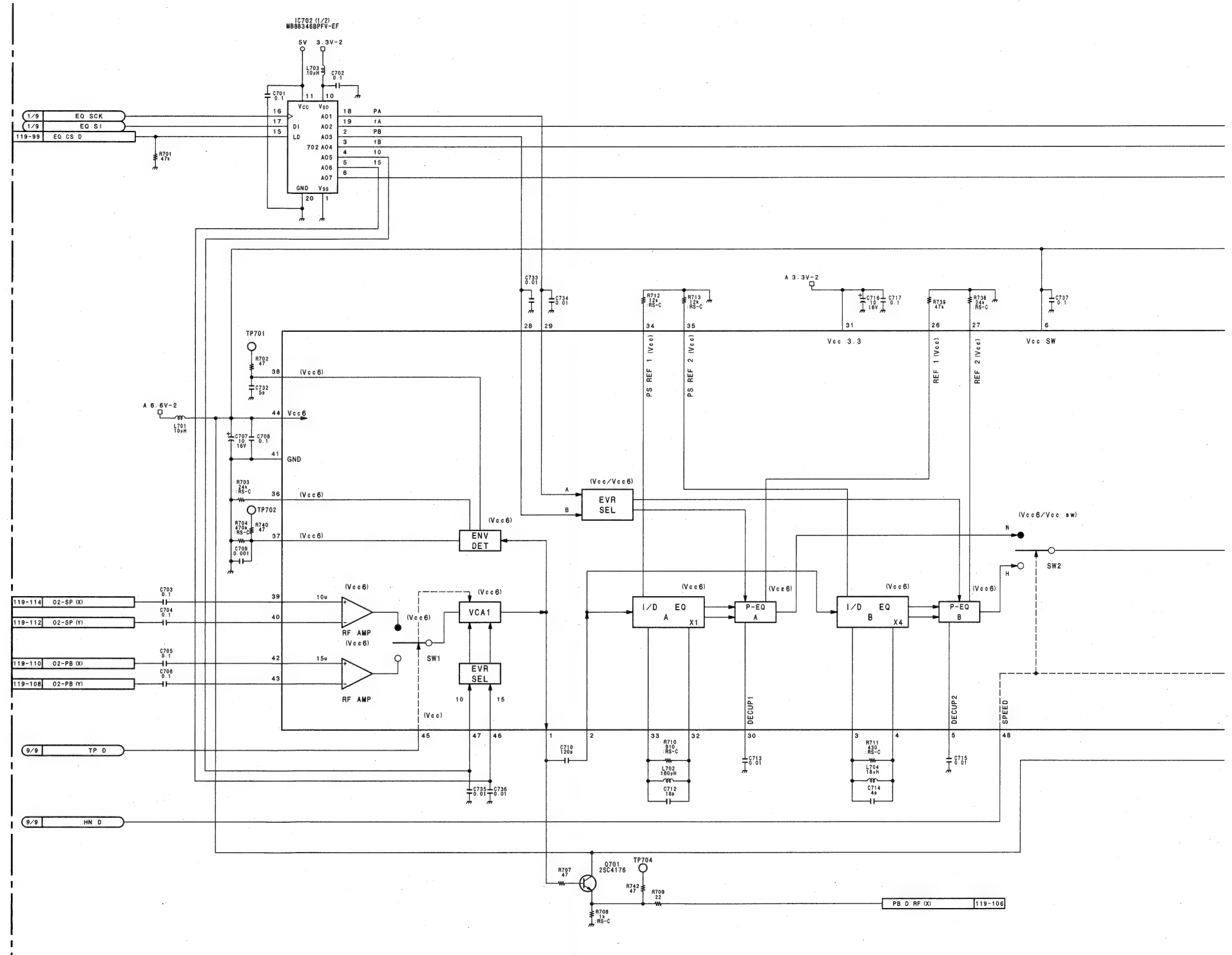






**EQ-57 (8/9) : RF DATA PROCESS**

5

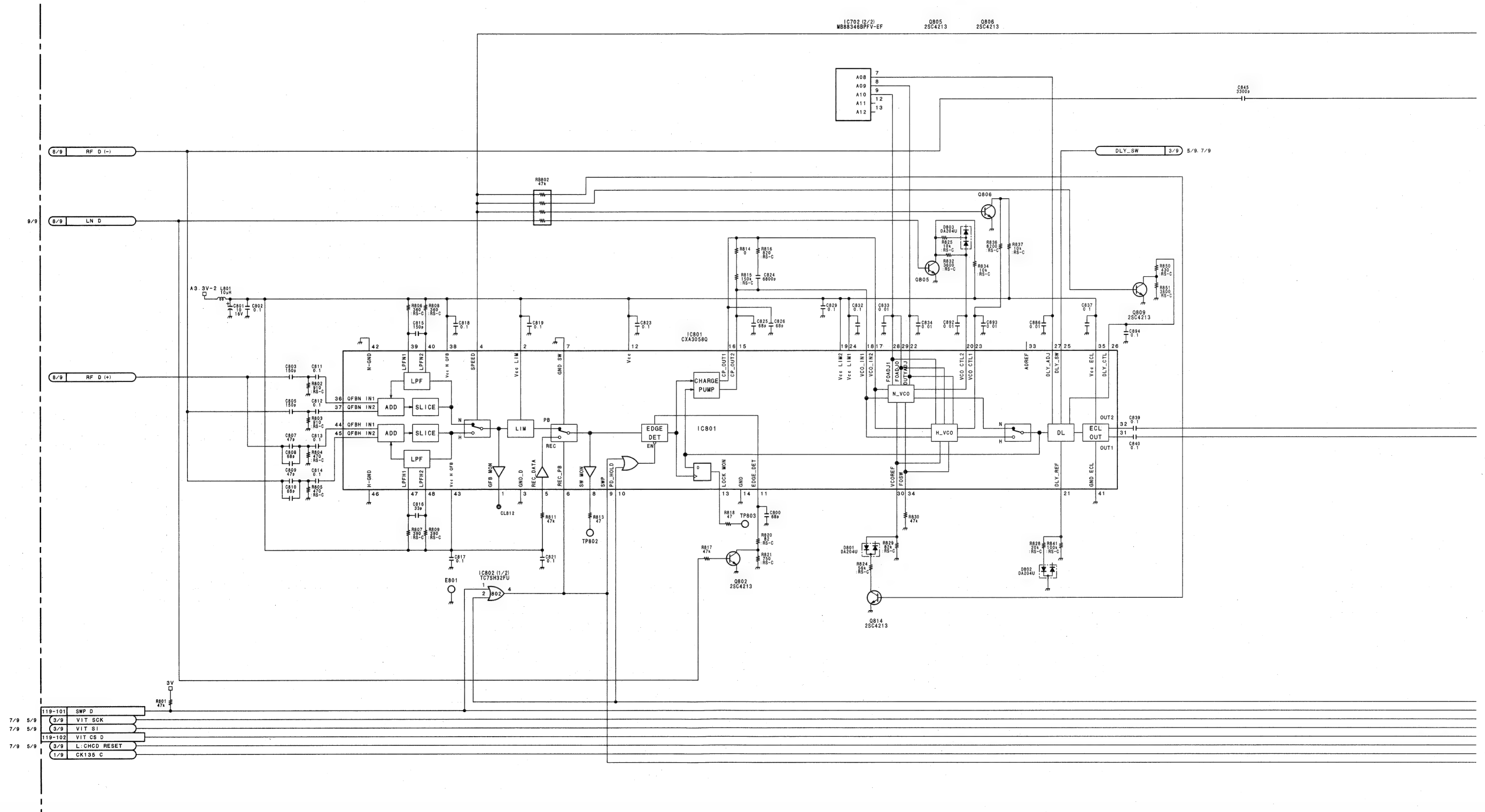








**EQ-57 (9/9) : RF DATA PROCESS**

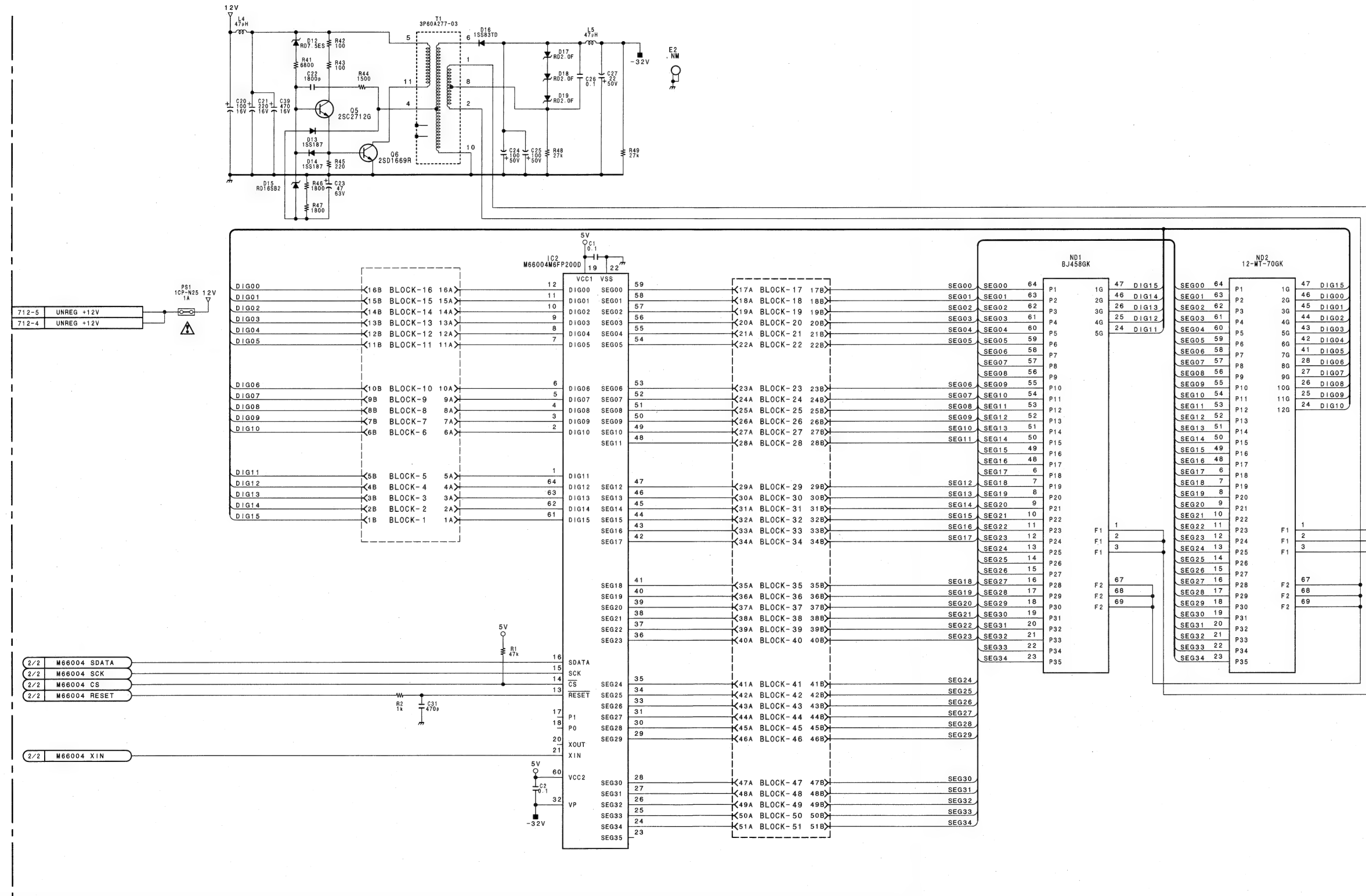




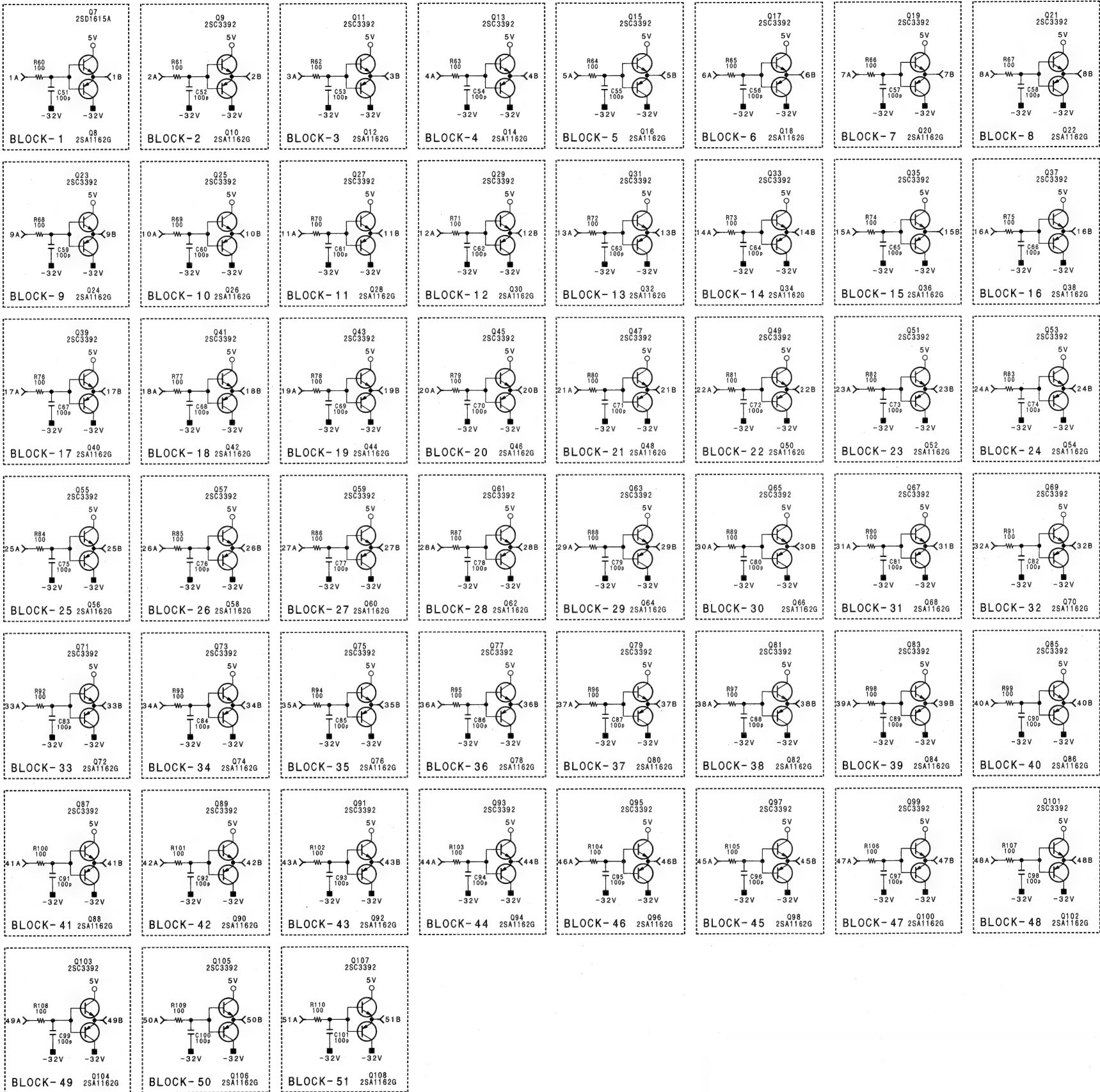




**KY-336 (1/2) : KEY BOARD**









KY-336 (2/2) : KEY BOARD

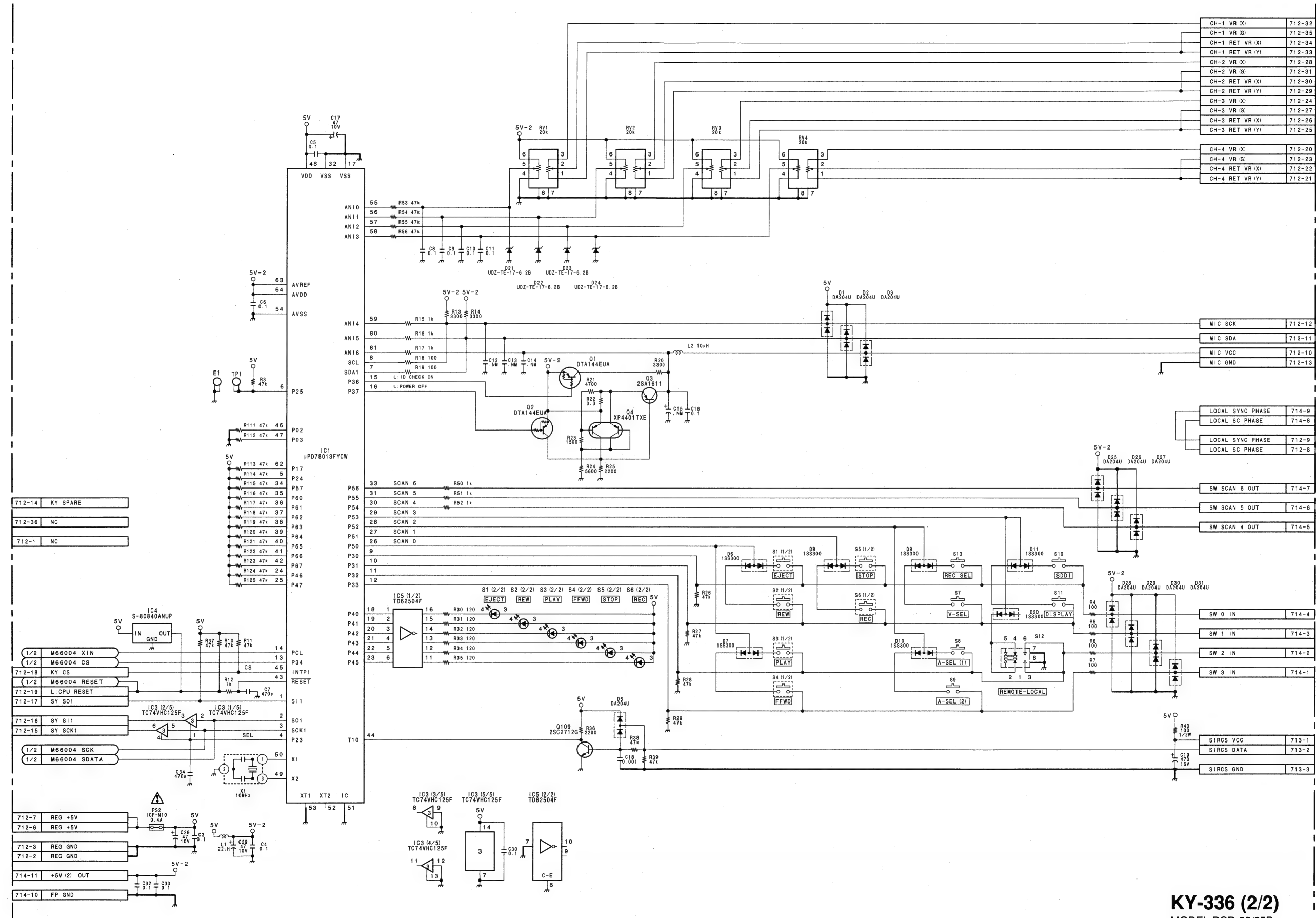
1

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4

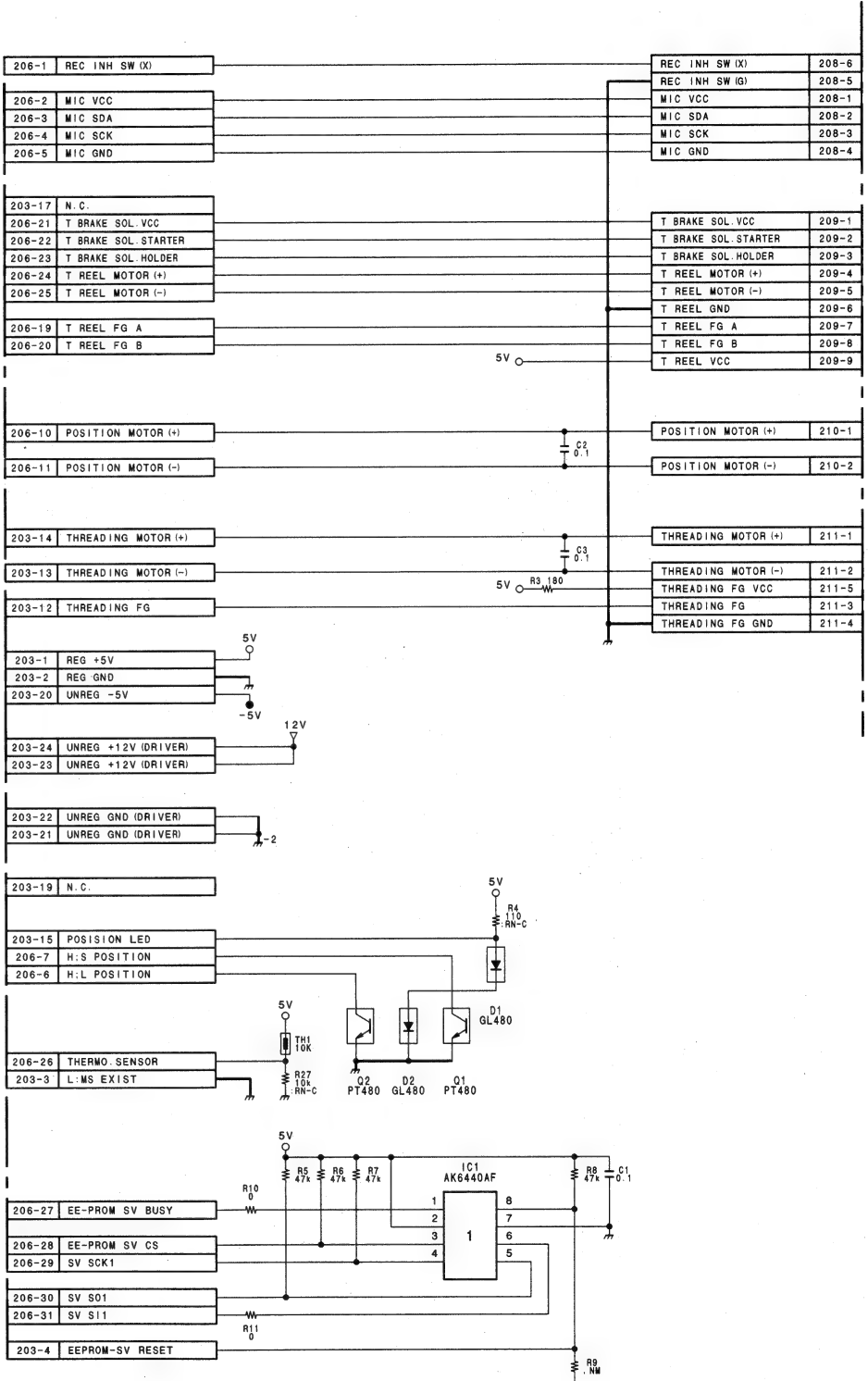
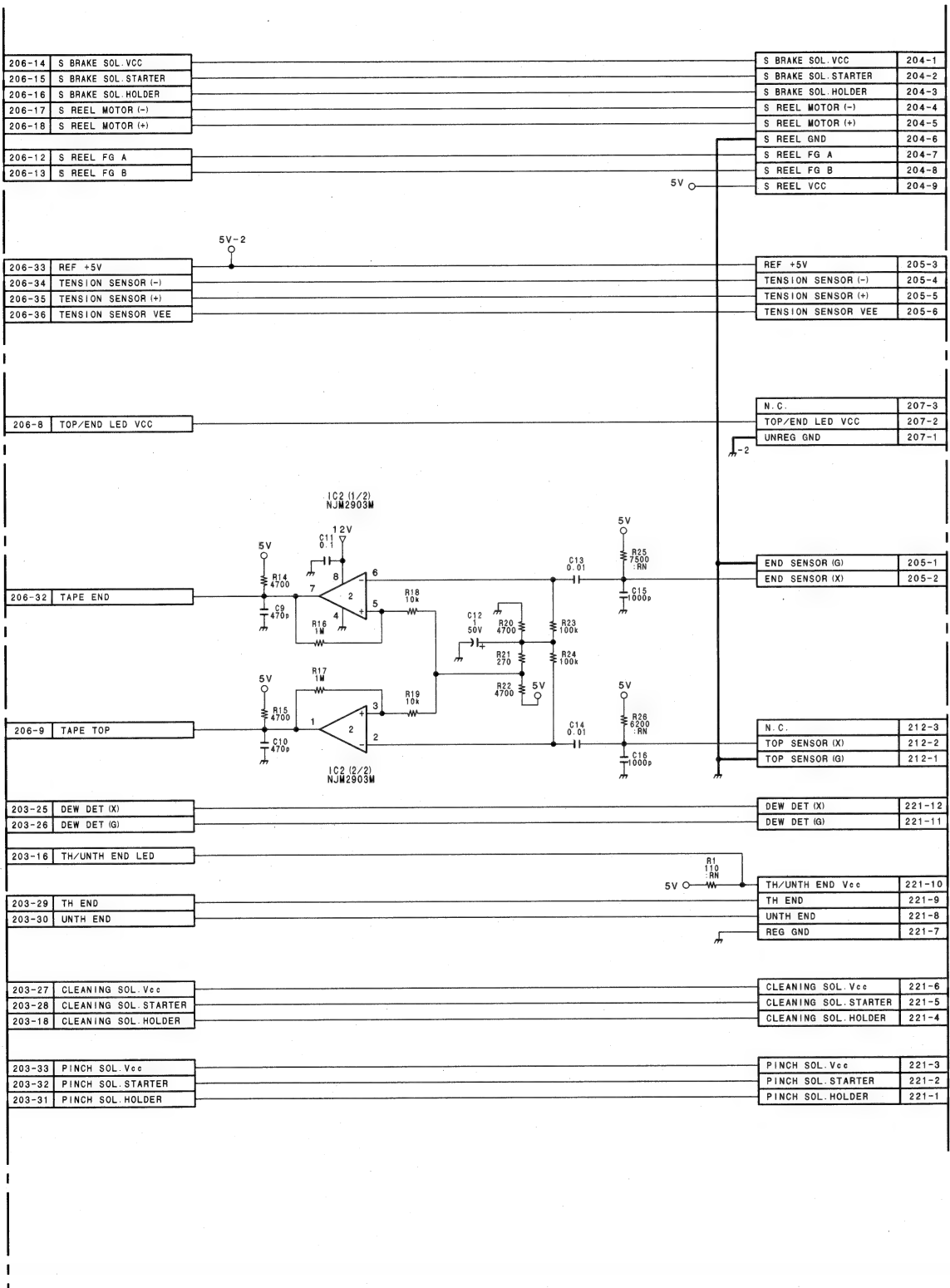
5



KY-336 (2/2)  
MODEL DSR-85/85P

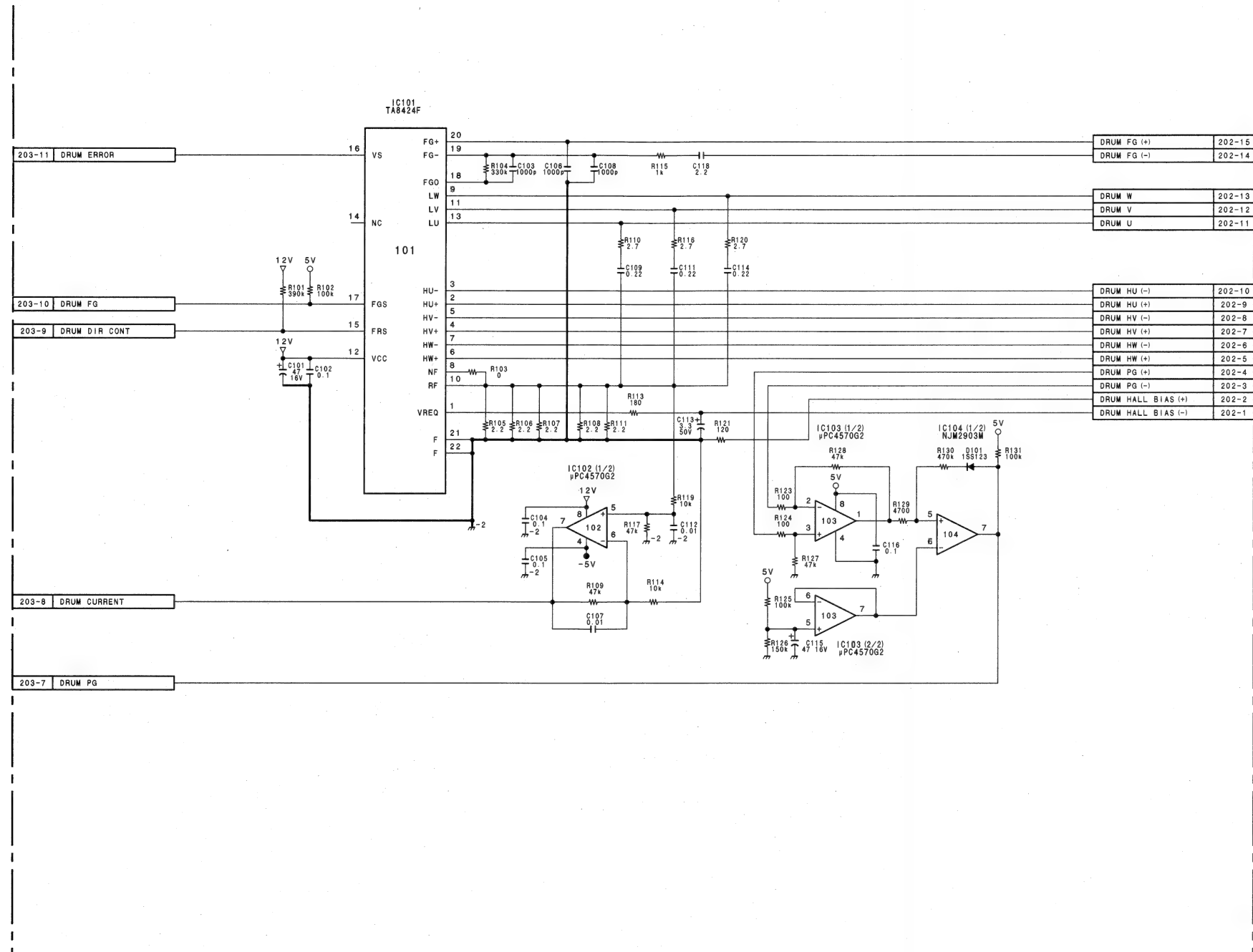


MS-43 (1/2) : DRUM/CAPSTAN DRIVE

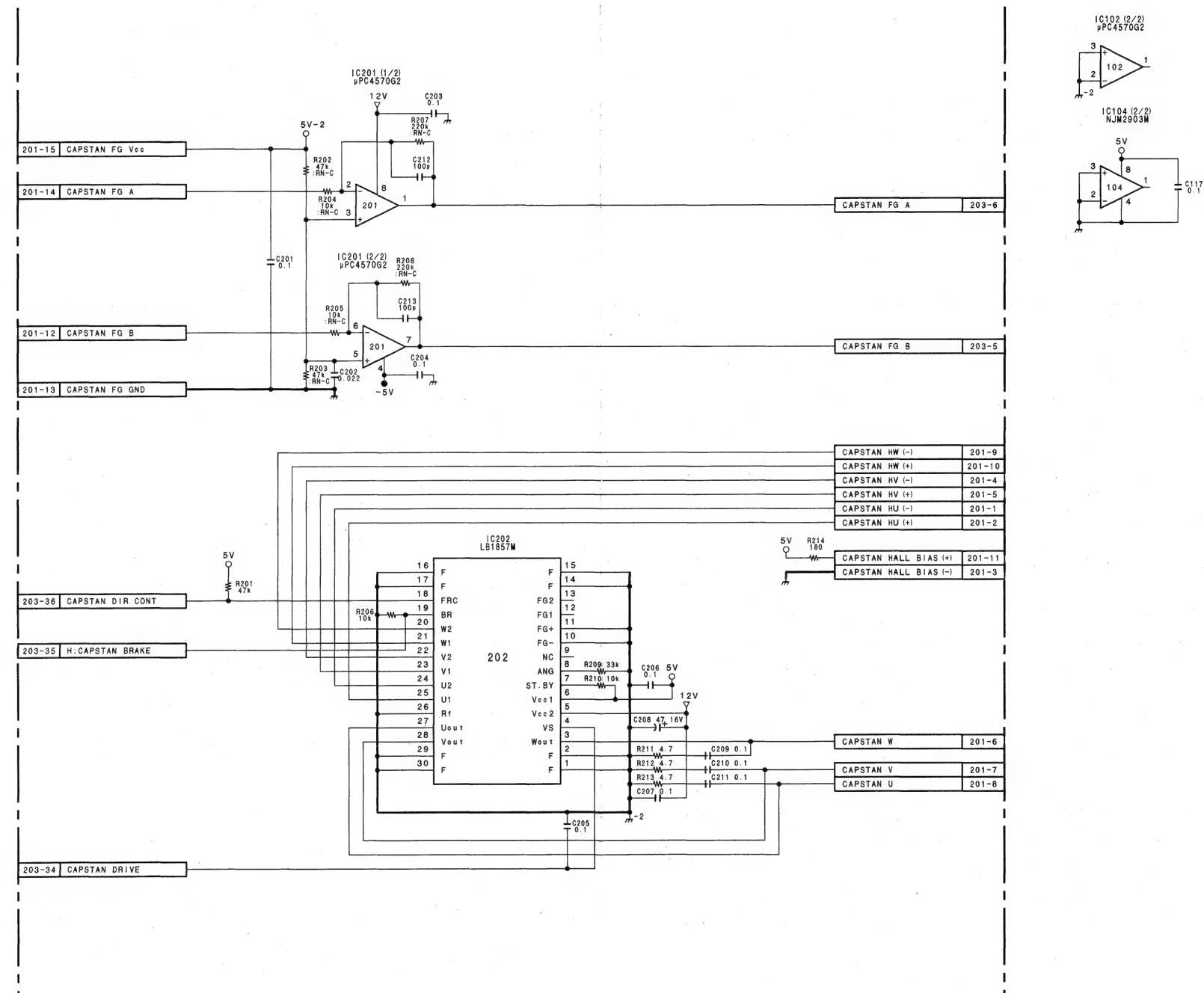




MS-43 (2/2) : DRUM/CAPSTAN DRIVE

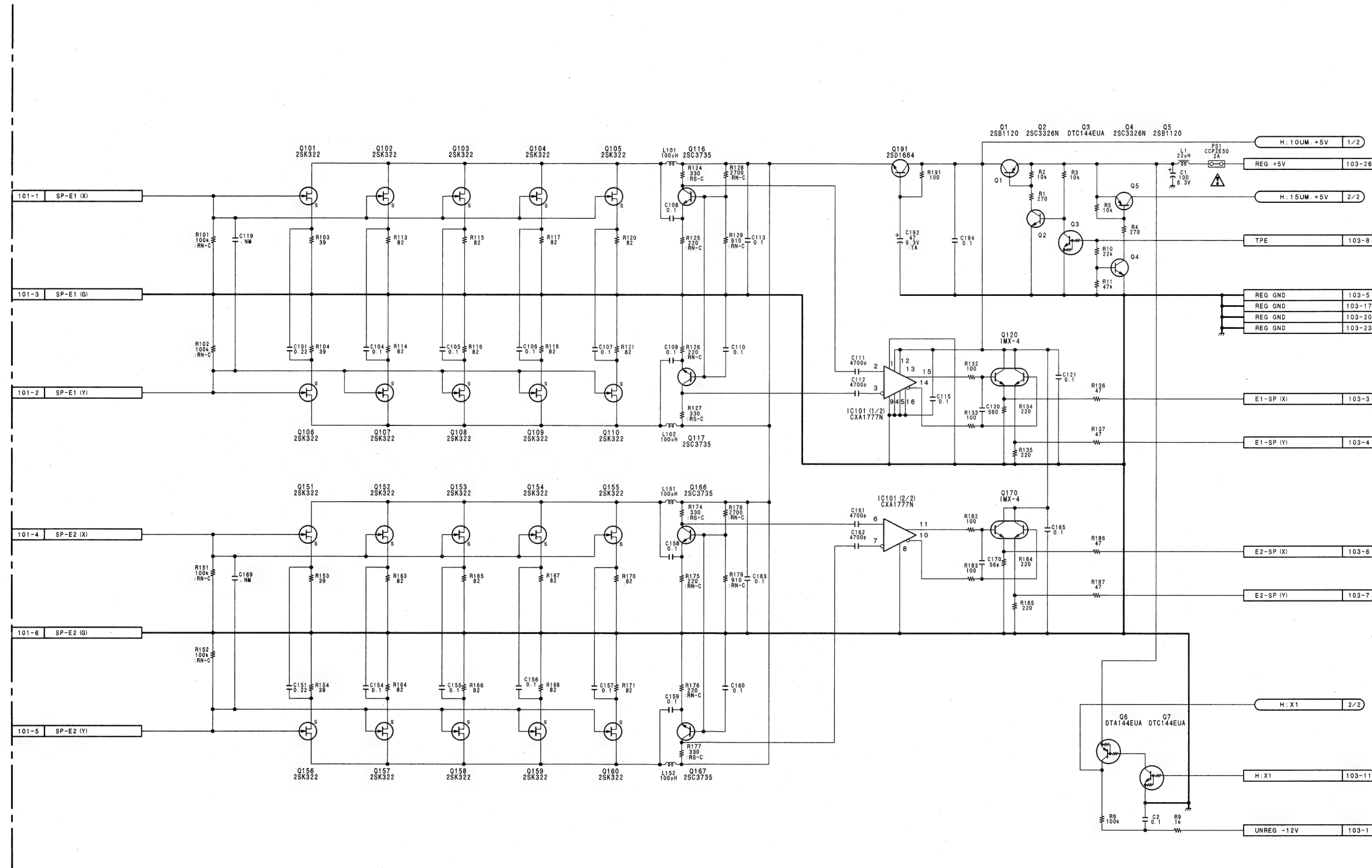




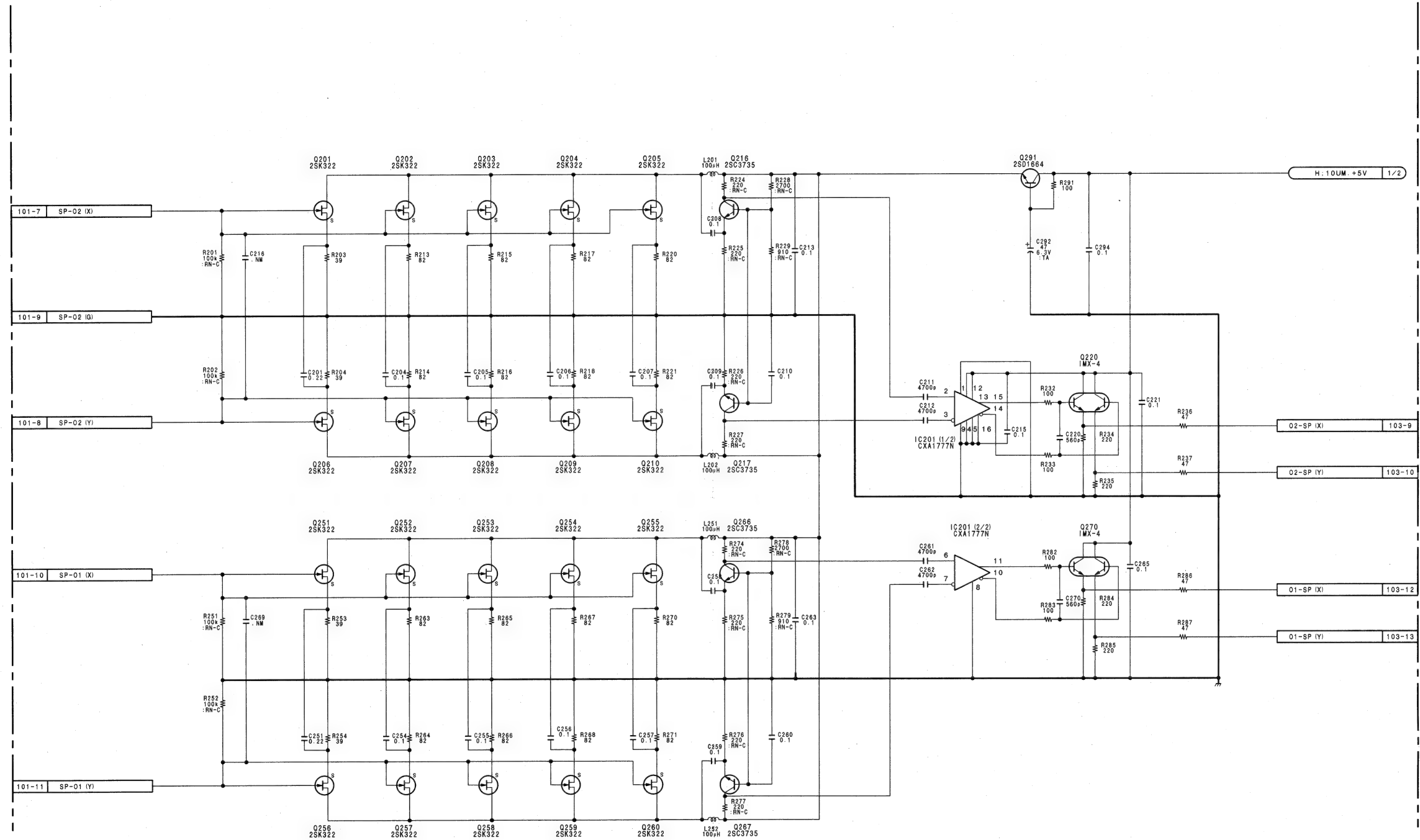




PRE-32 (1/2) : PB HEAD AMP

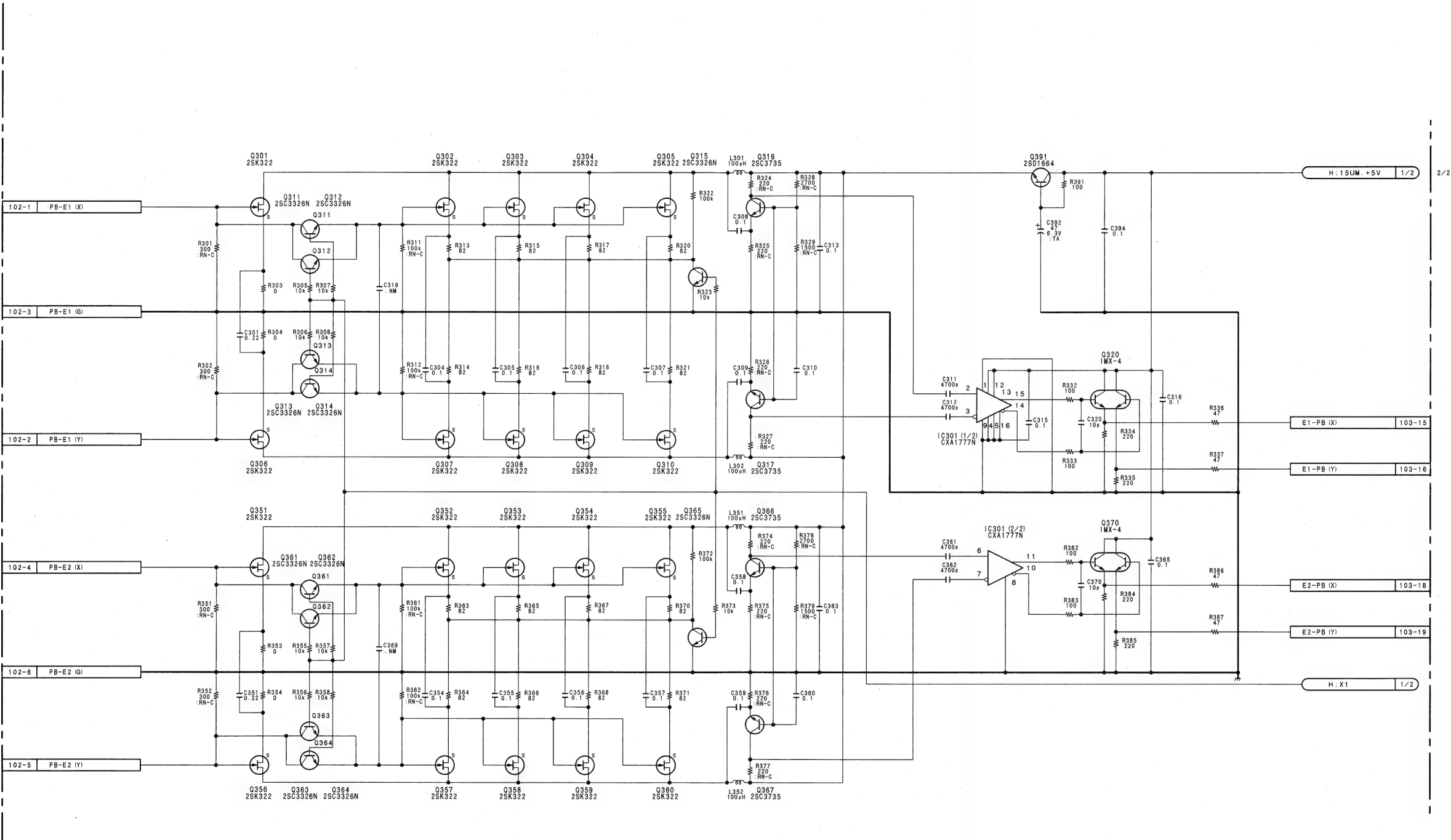




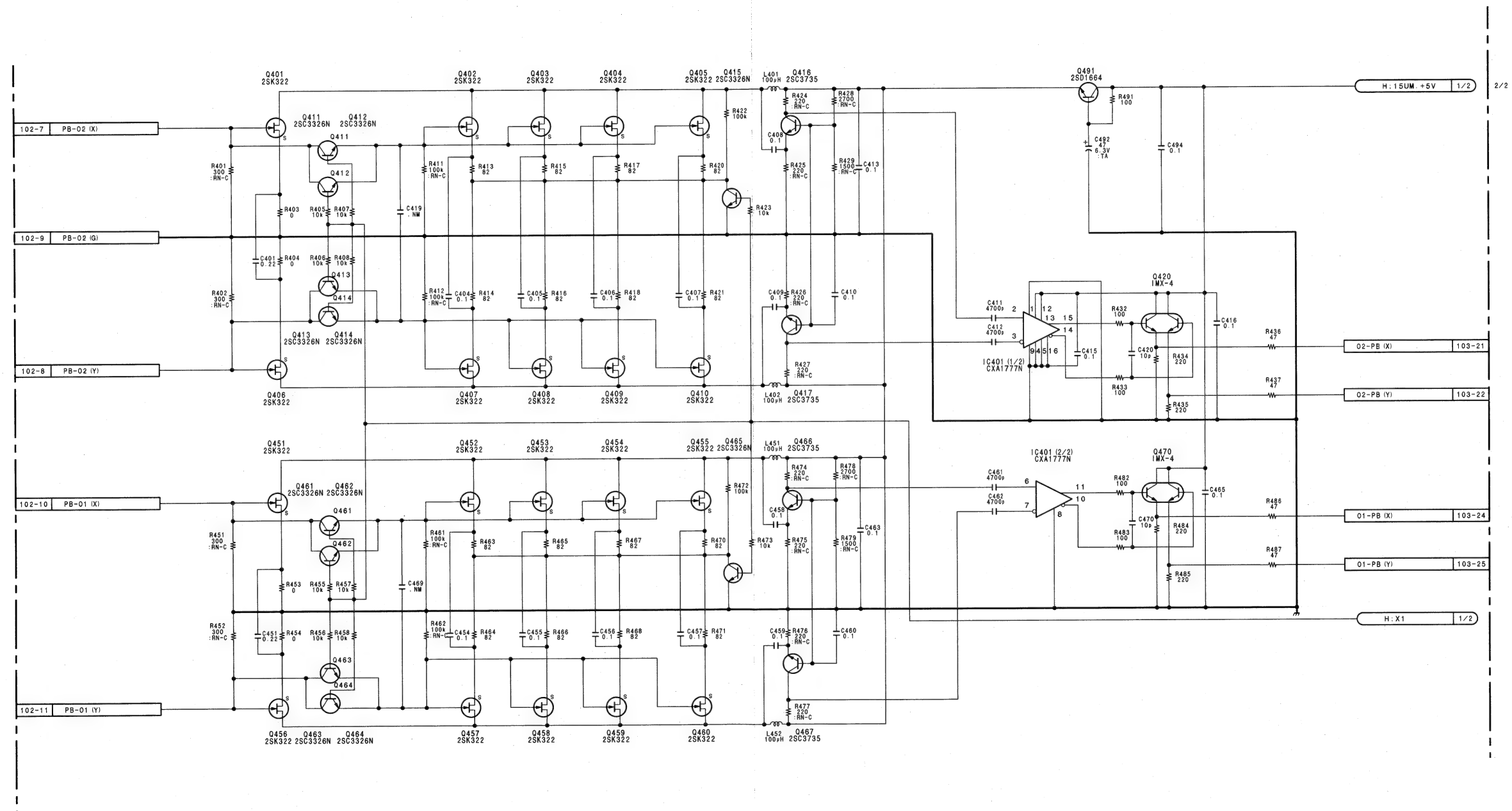




PRE-32 (2/2) : PB HEAD AMP









REC-32 (1/4) : RF REC AMP, FE DRIVE

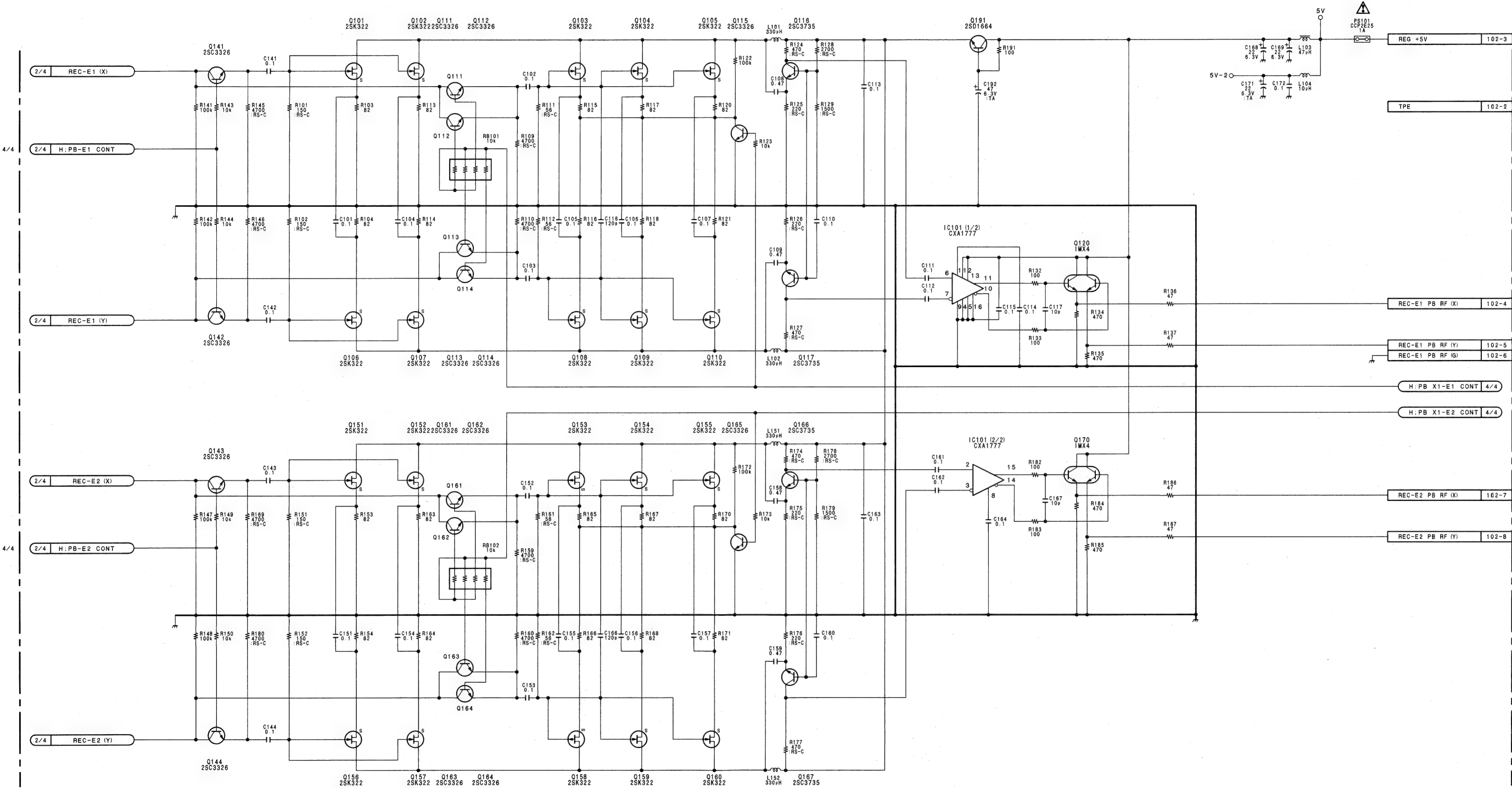
1

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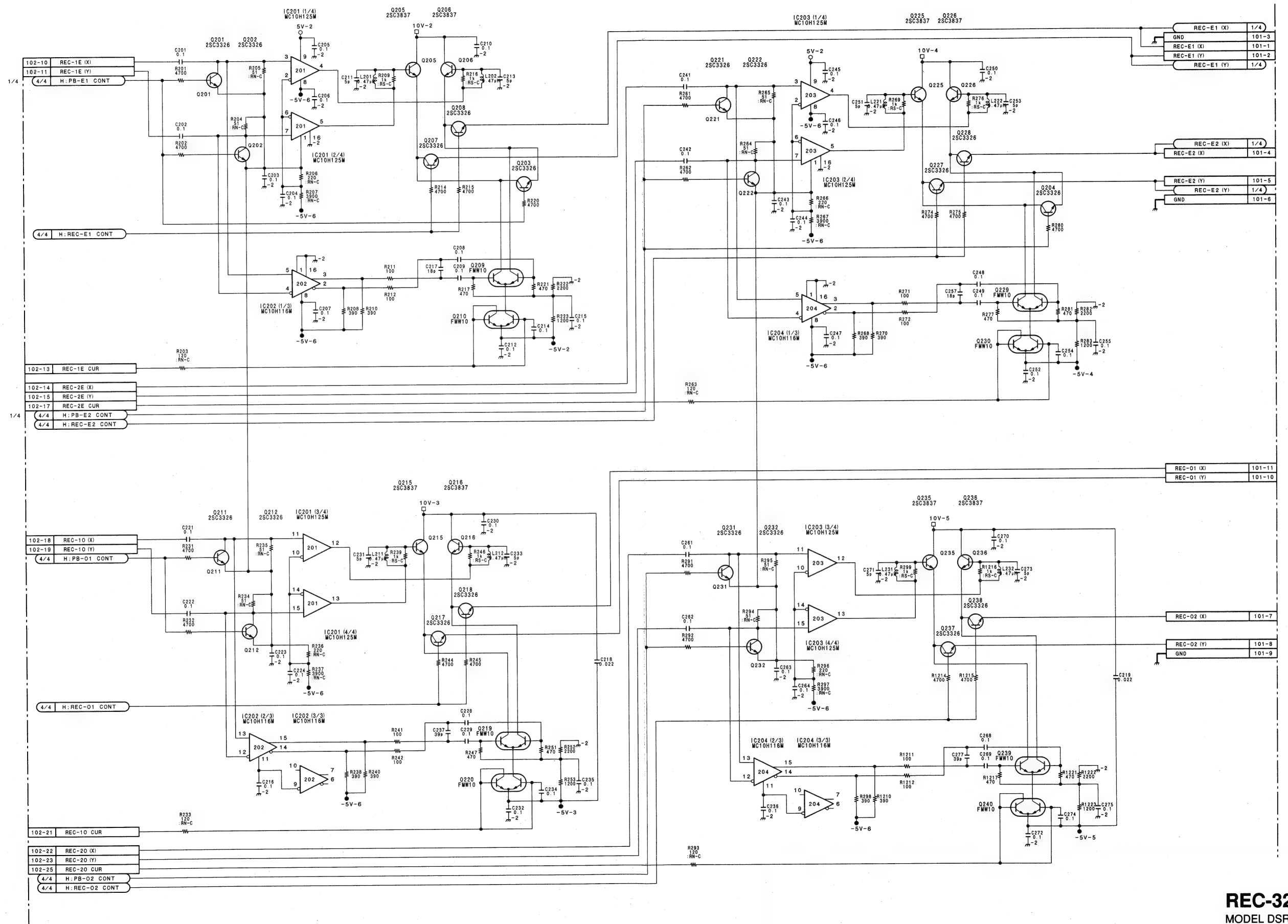
5





**REC-32 (2/4)**

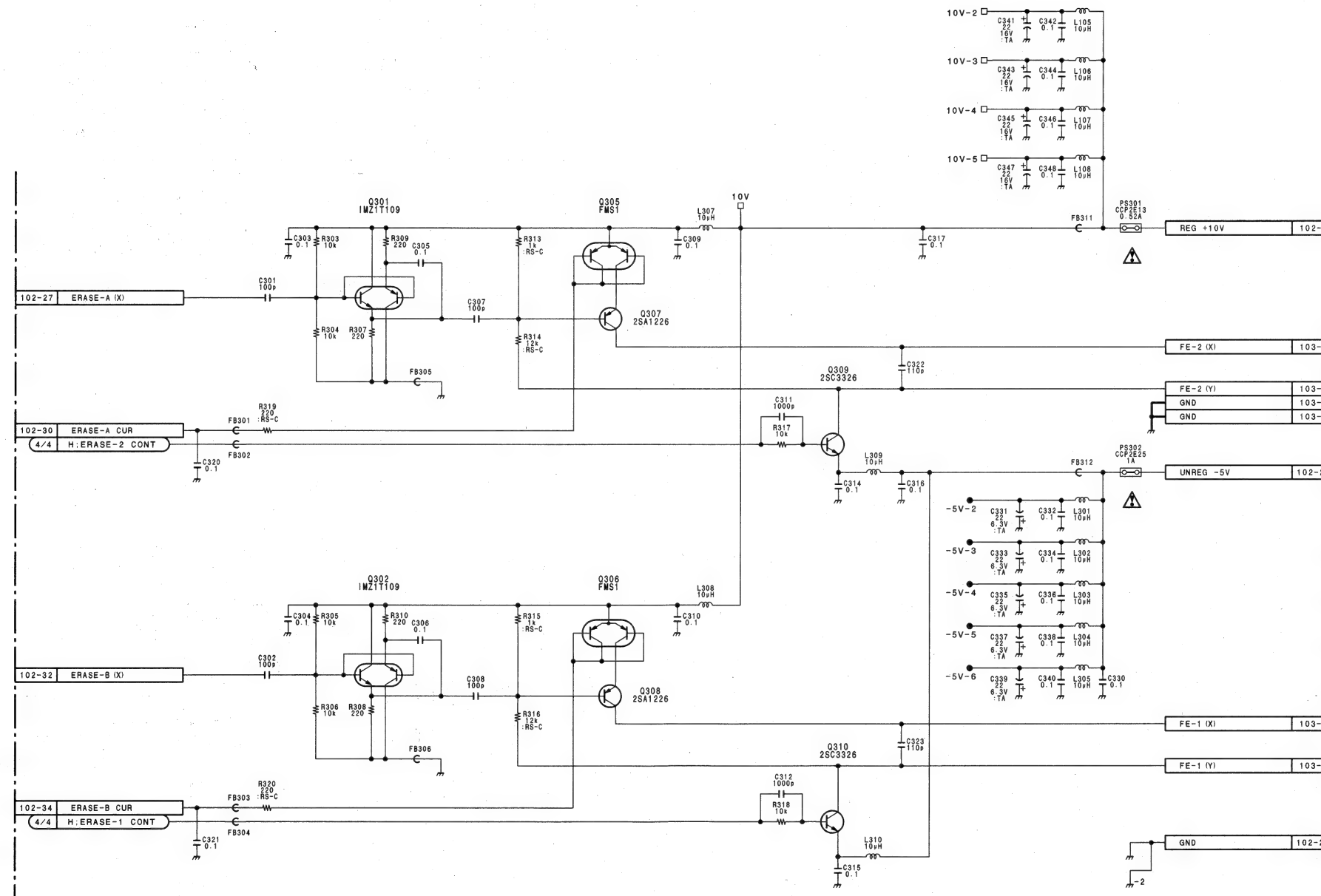
**REC-32 (2/4) : RF REC AMP, FE DRIVE**



**REC-32 (2/4)**  
MODEL DSR-85/85P

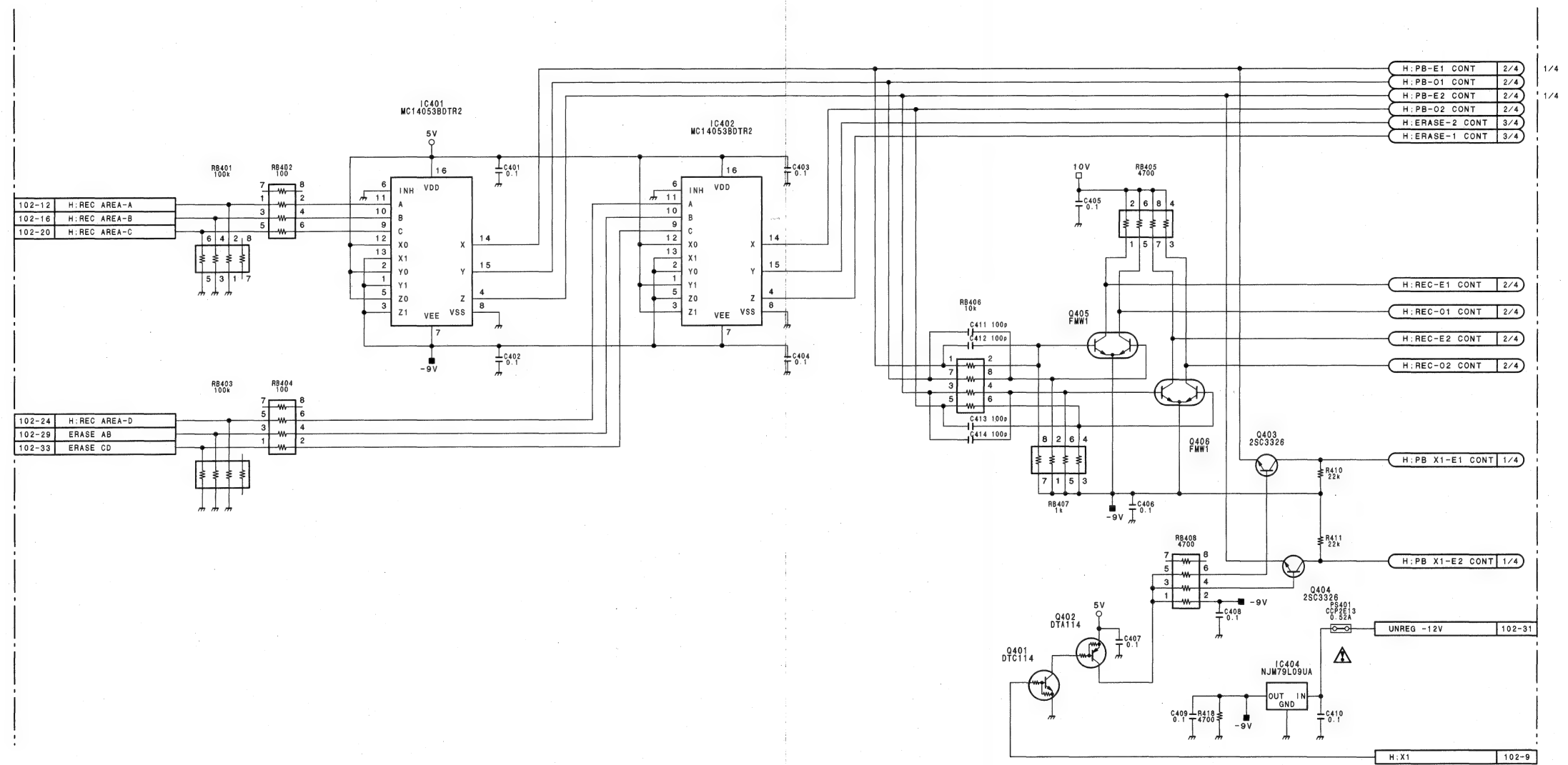


REC-32 (3/4) : RF REC AMP, FE DRIVE





REC-32 (4/4) : RF REC AMP, FE DRIVE





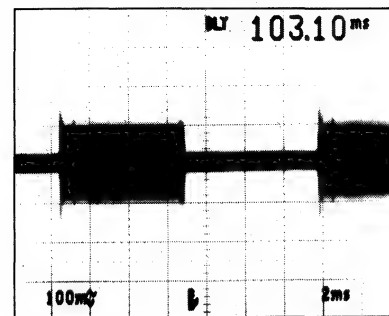




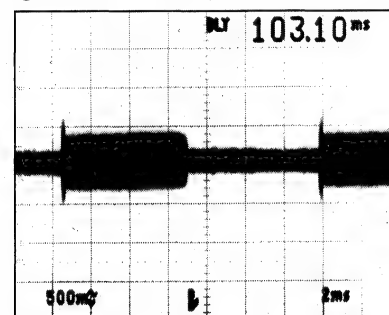
**RP-90 (1/6) : RF REC/PB PROCESS**

RP-90 (2/6)

① TP204      MODE: PB

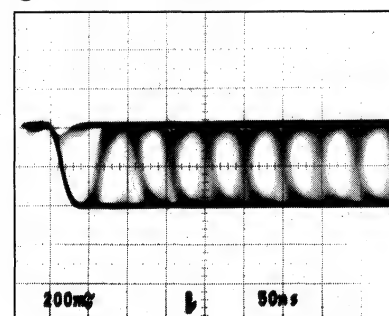


② TP203      MODE: PB

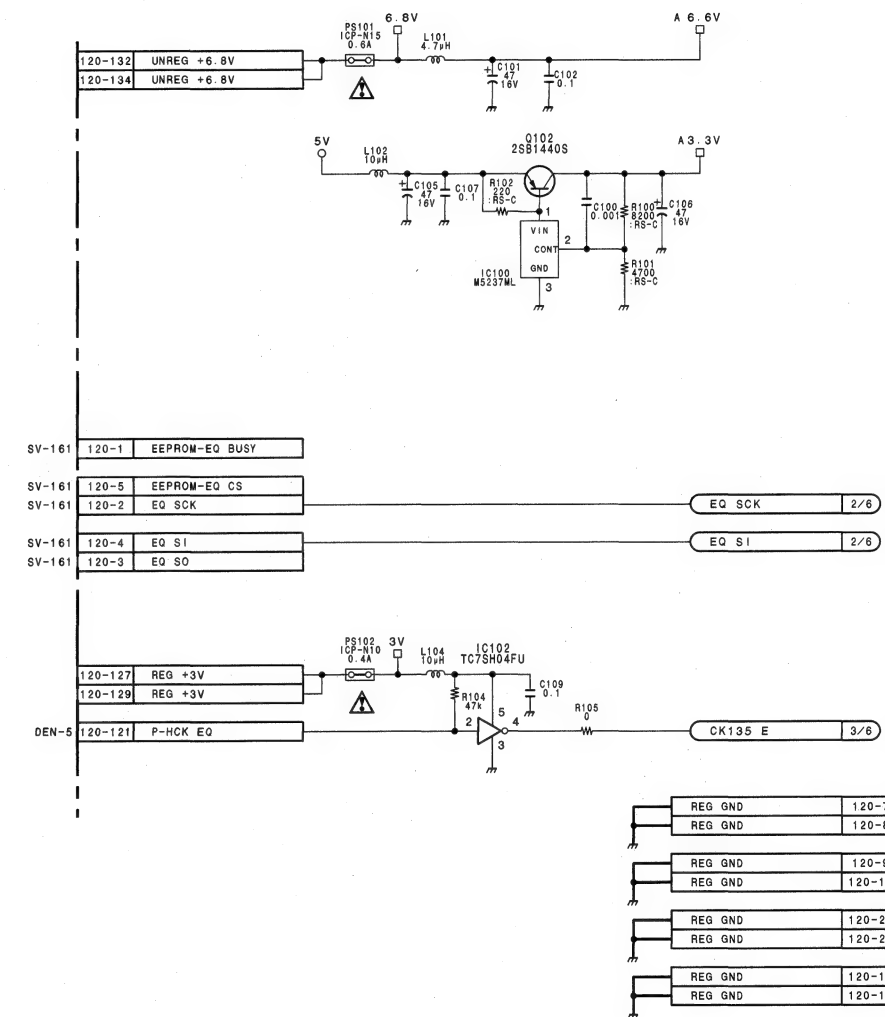
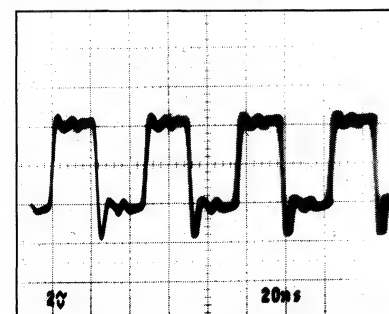


RP-90 (3/6)

① TP302      MODE: PB



② TP304      MODE: PB





**RP-90 (2/6) : RF REC/PB PROCESS**

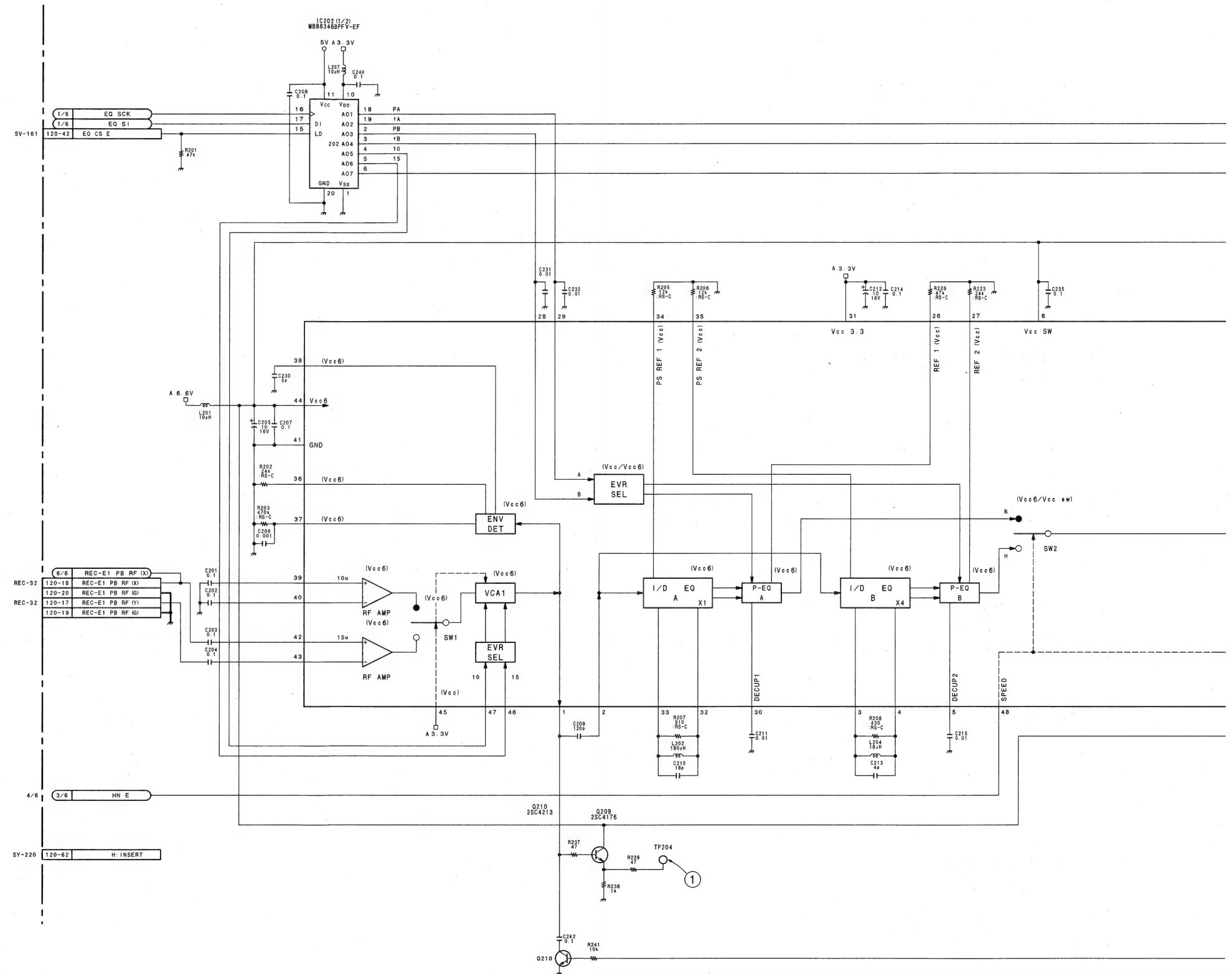
1

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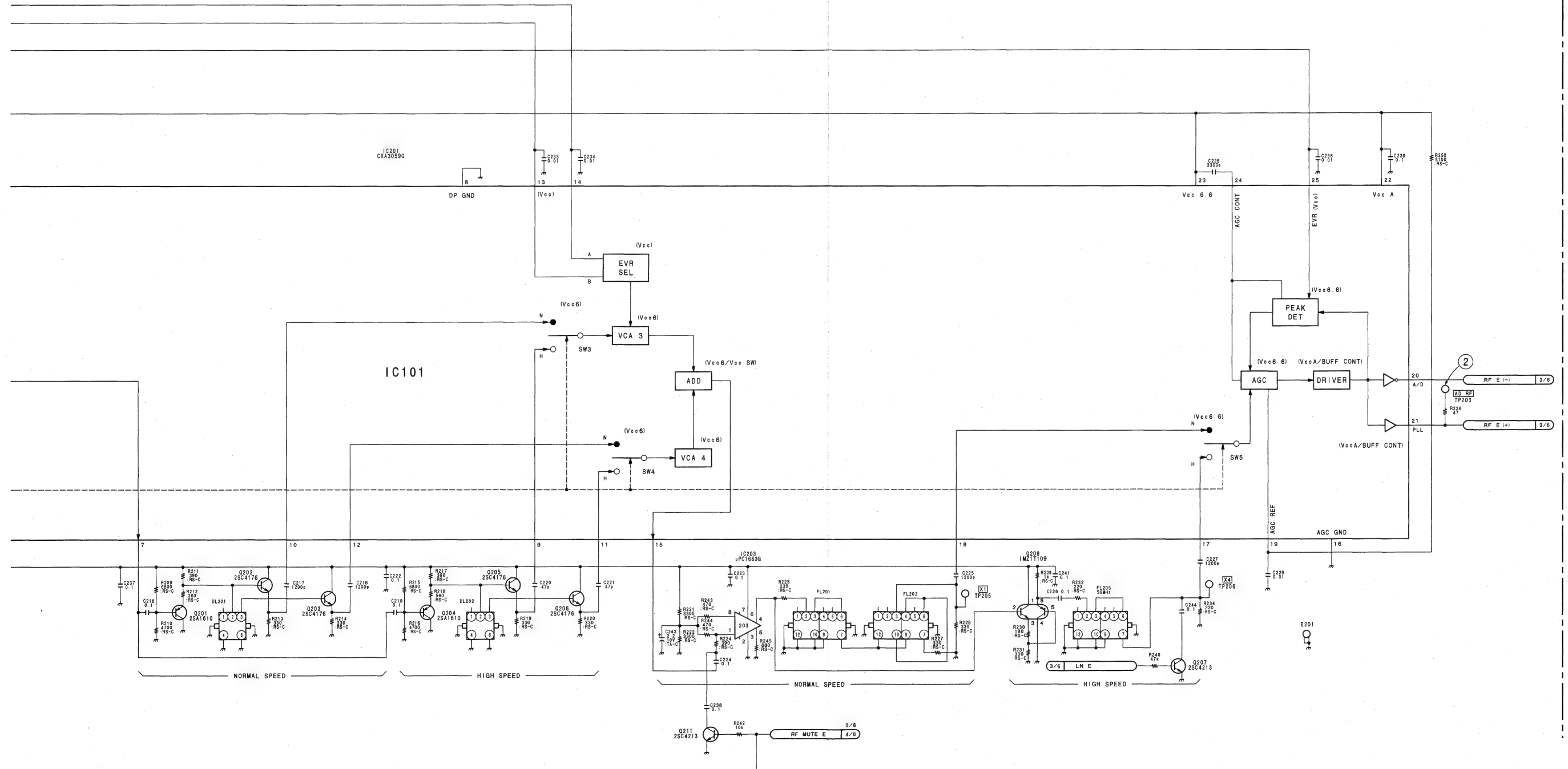
3

4

**5**

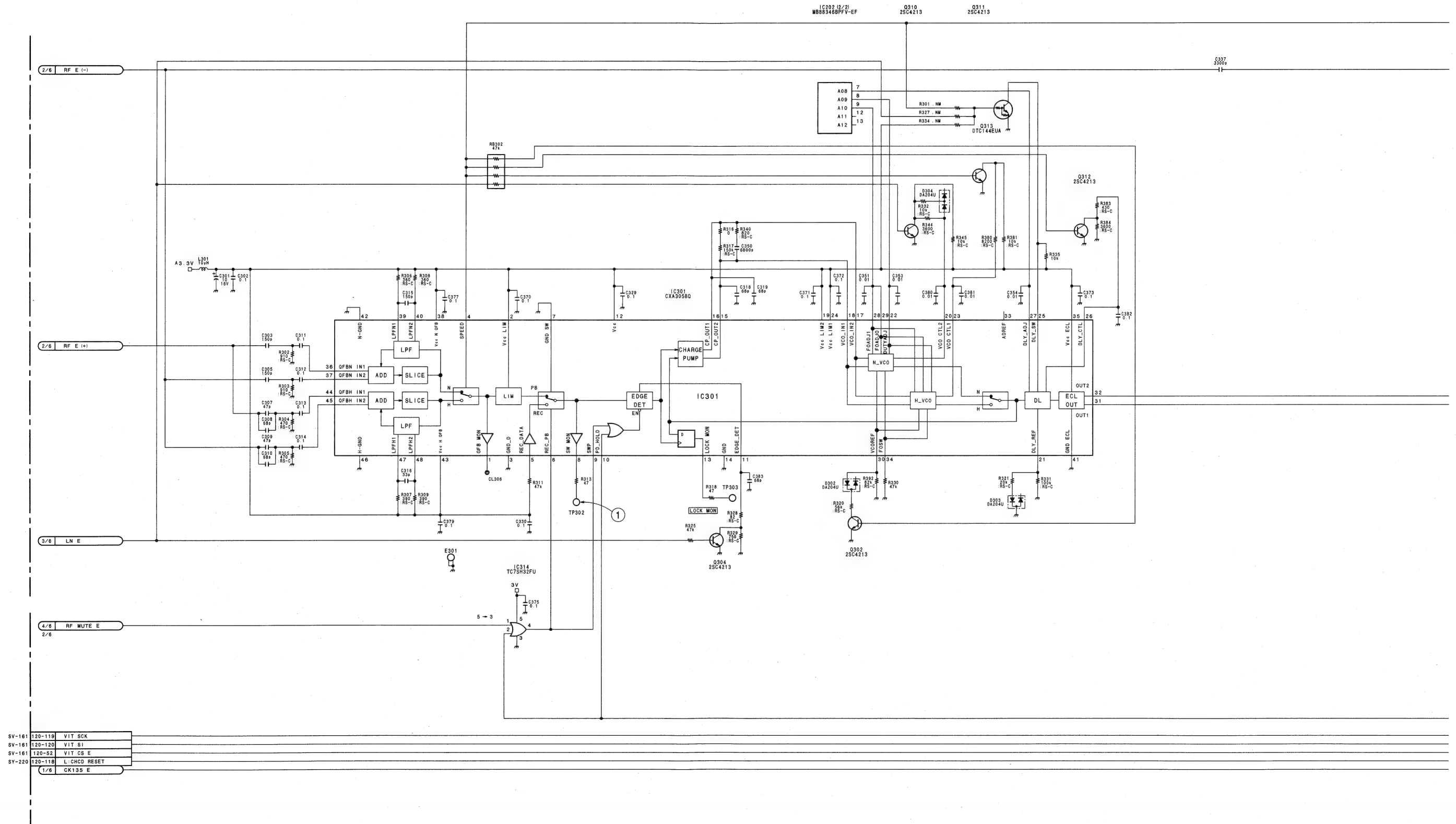




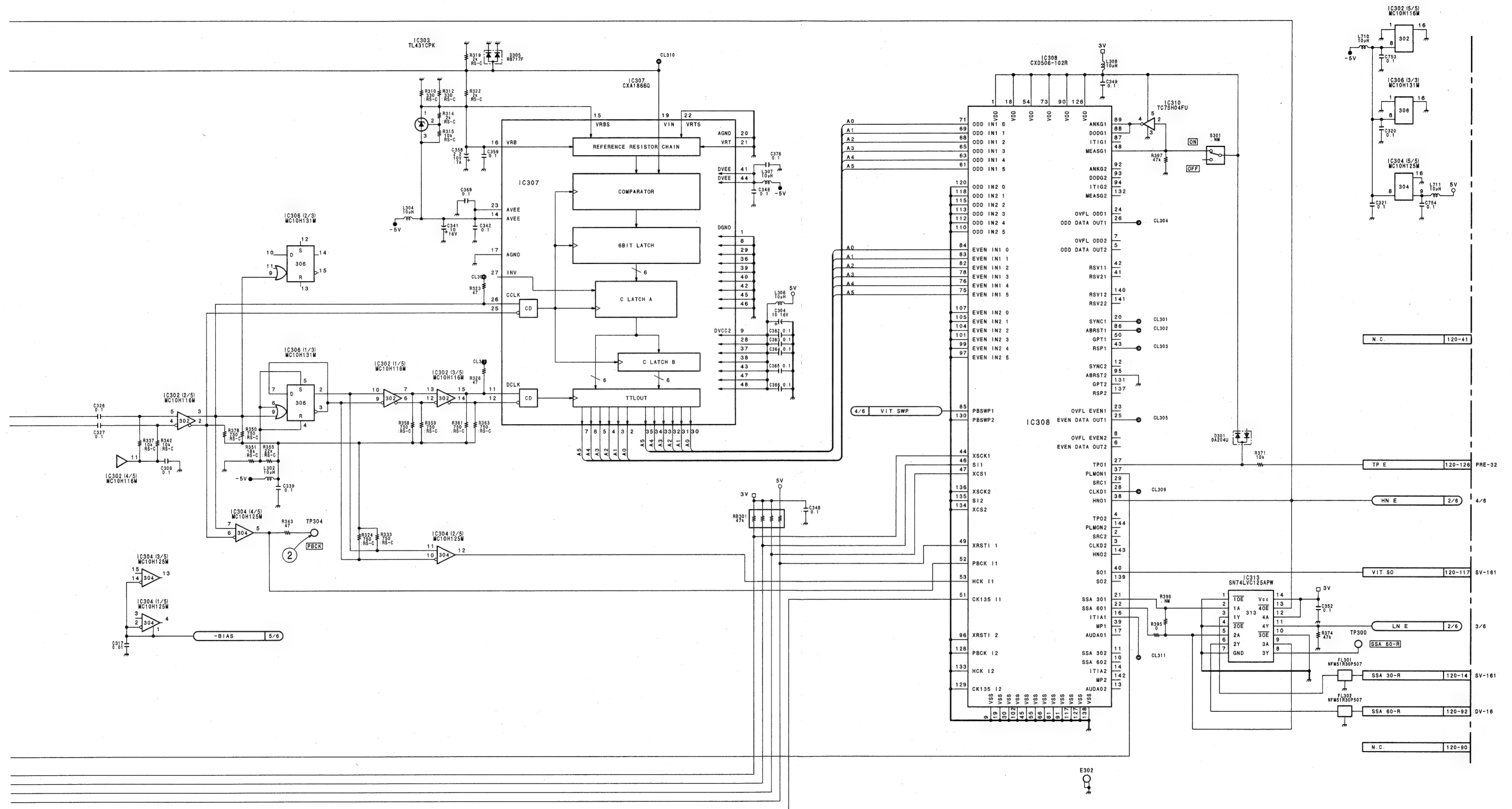




**RP-90 (3/6) : RF REC/PB PROCESS**

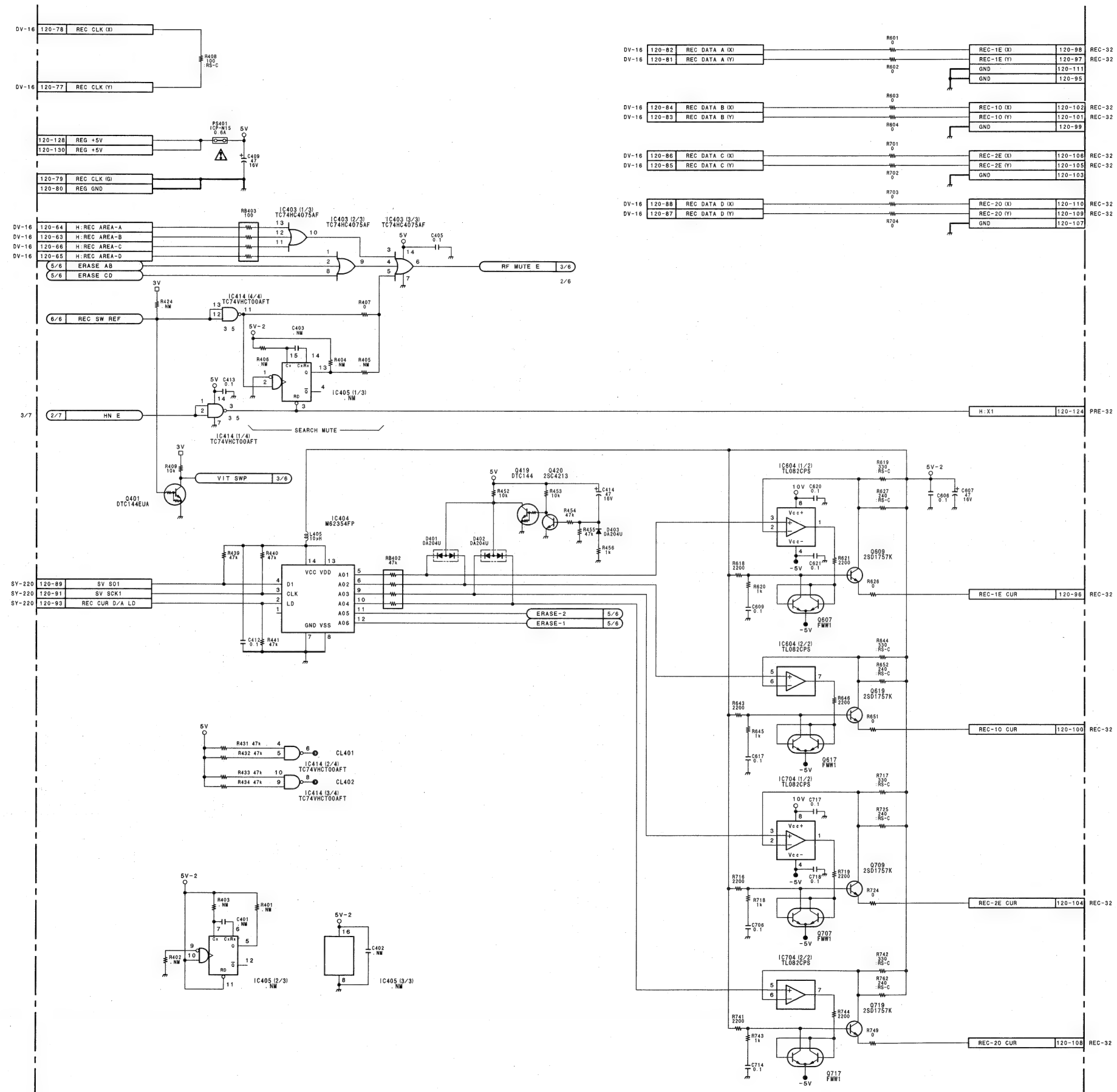






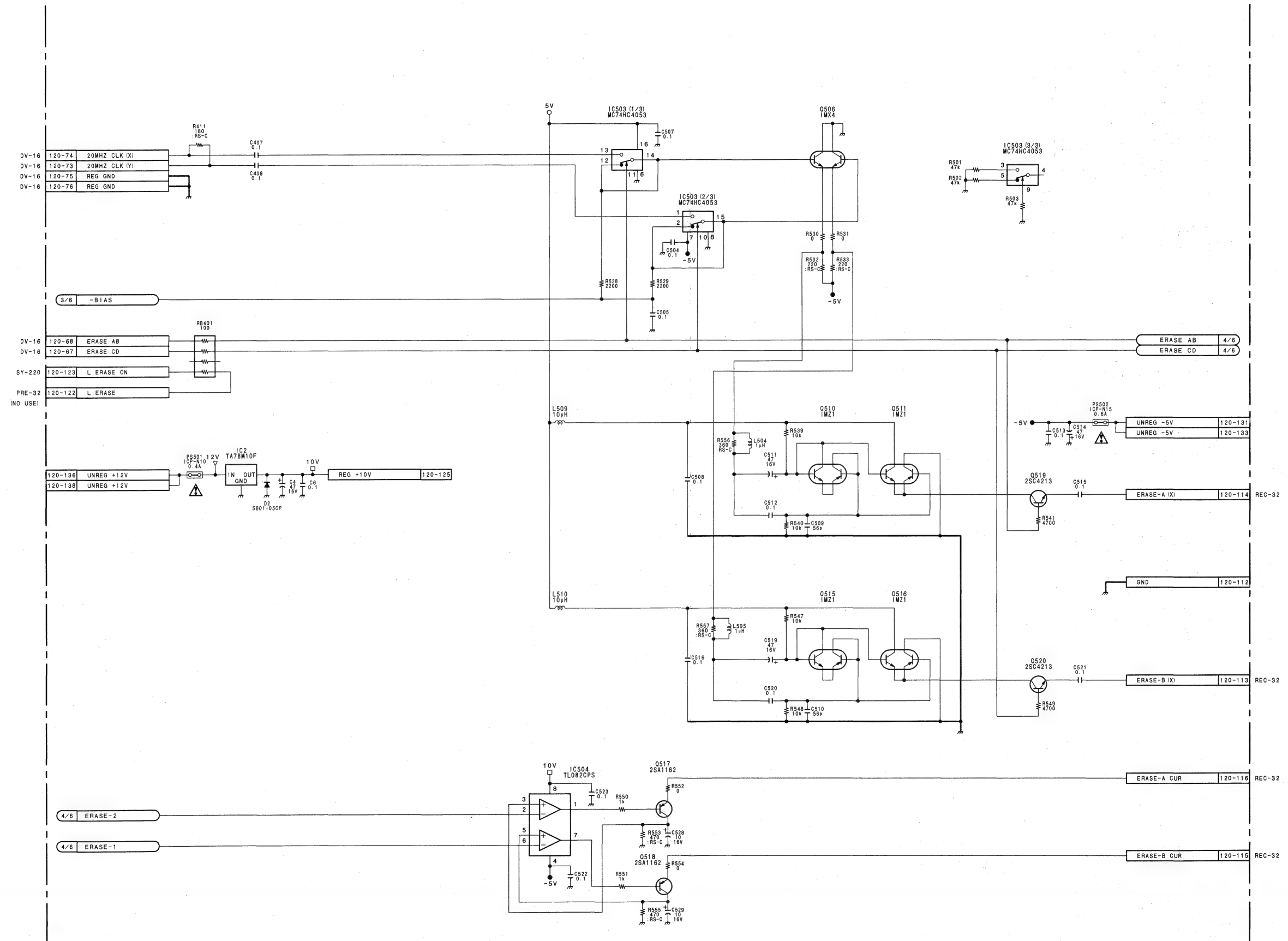


RP-90 (4/6) : RF REC/PB PROCESS



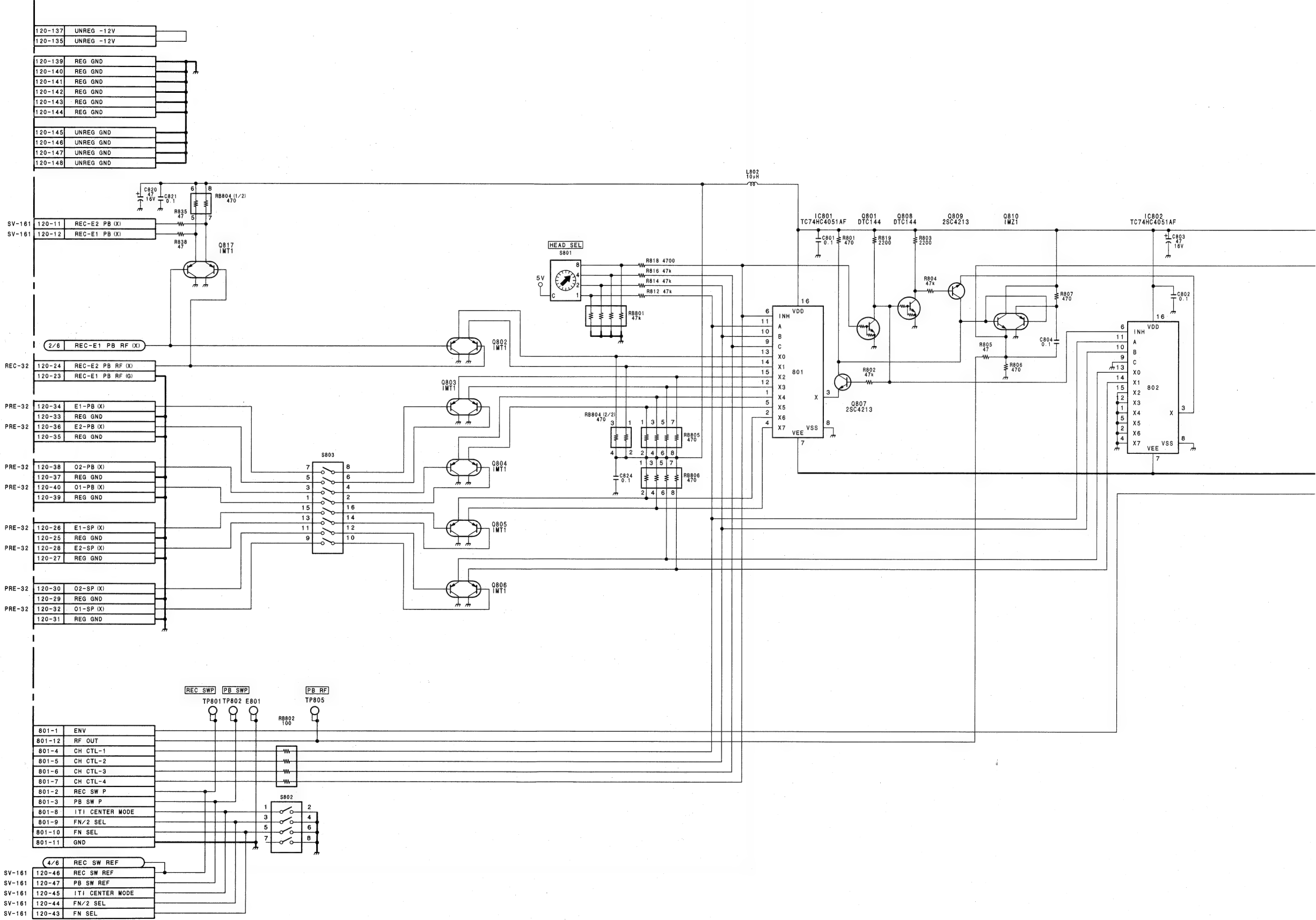


**RP-90 (5/6) : RF REC/PB PROCESS**

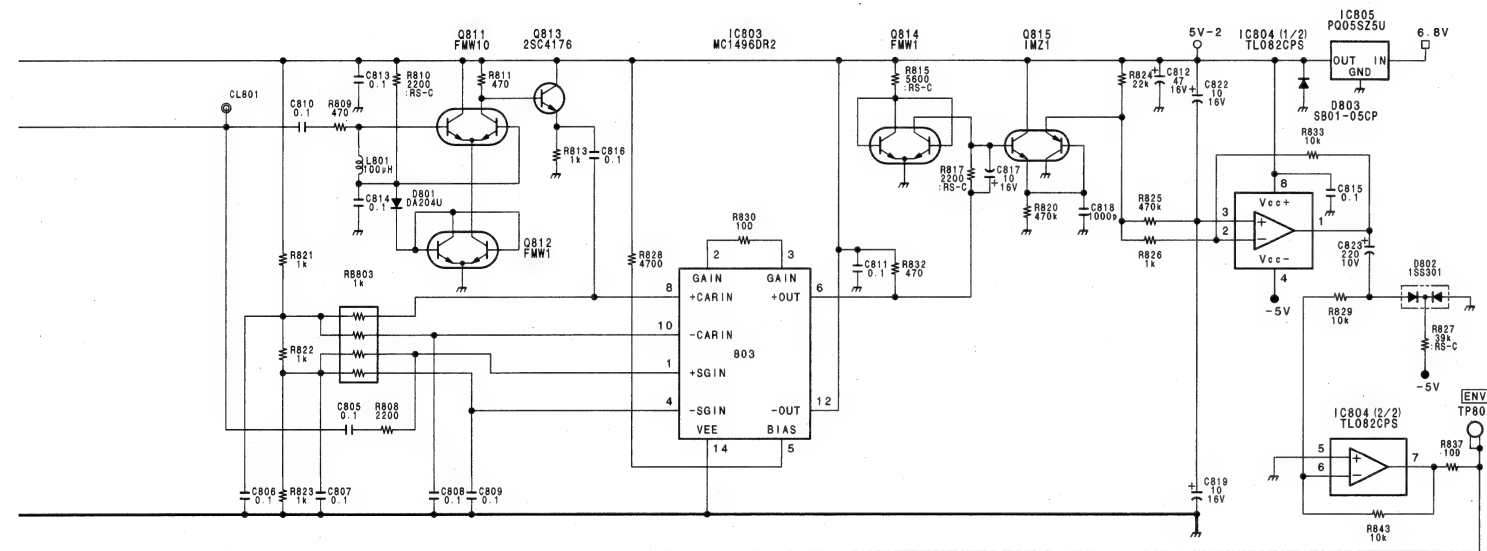




RP-90 (6/6) : RF REC/PB PROCESS

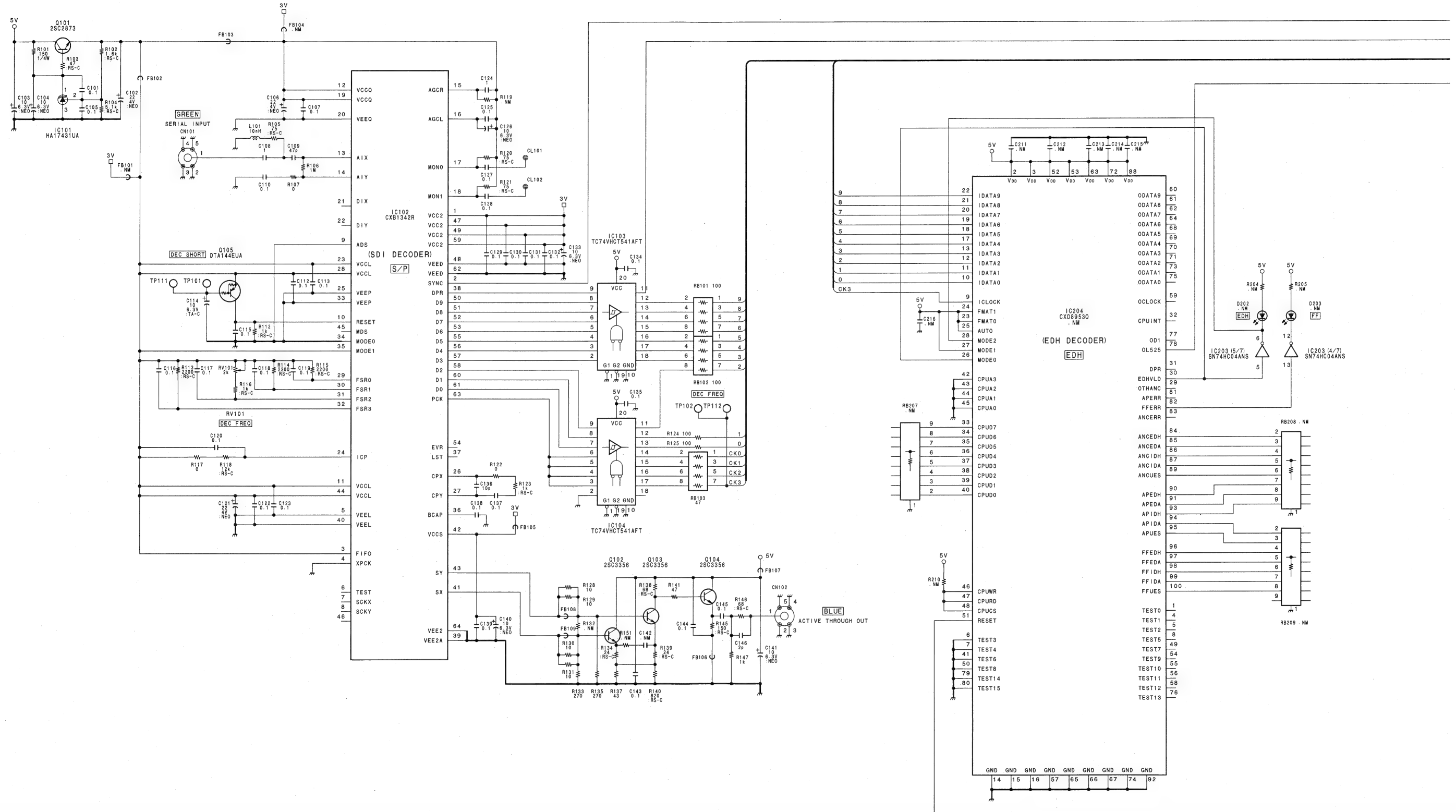




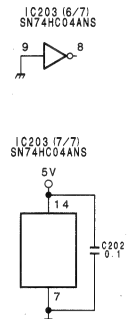




## SDI-27 (1/2) : SDI INPUT

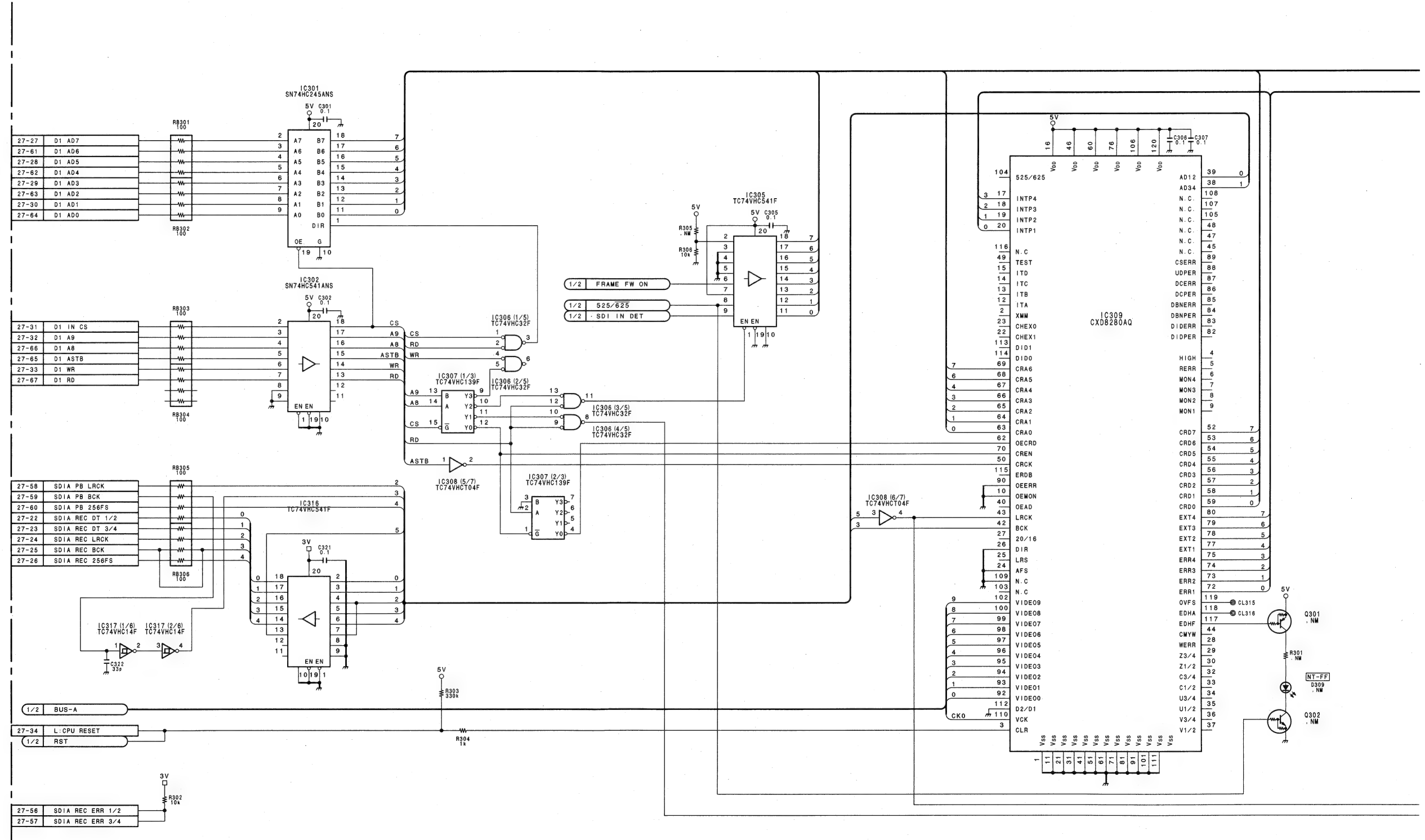




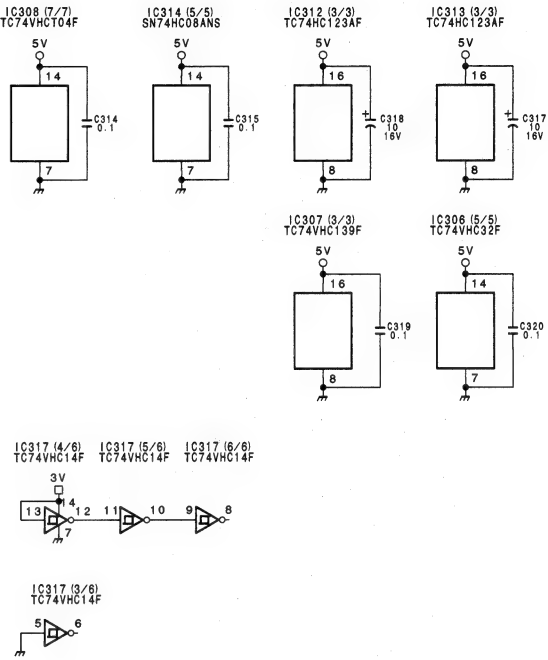
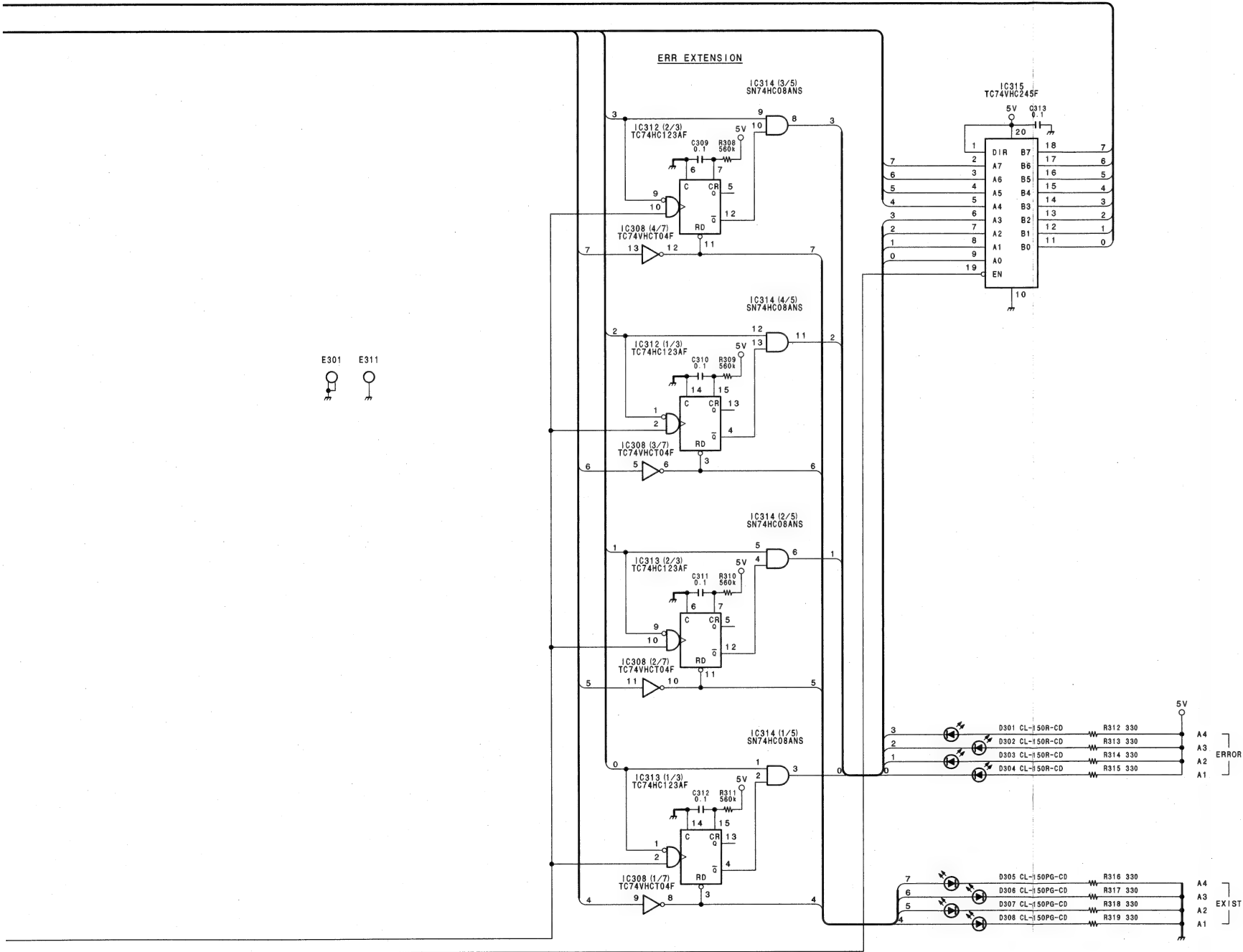




SDI-27 (2/2) : SDI INPUT

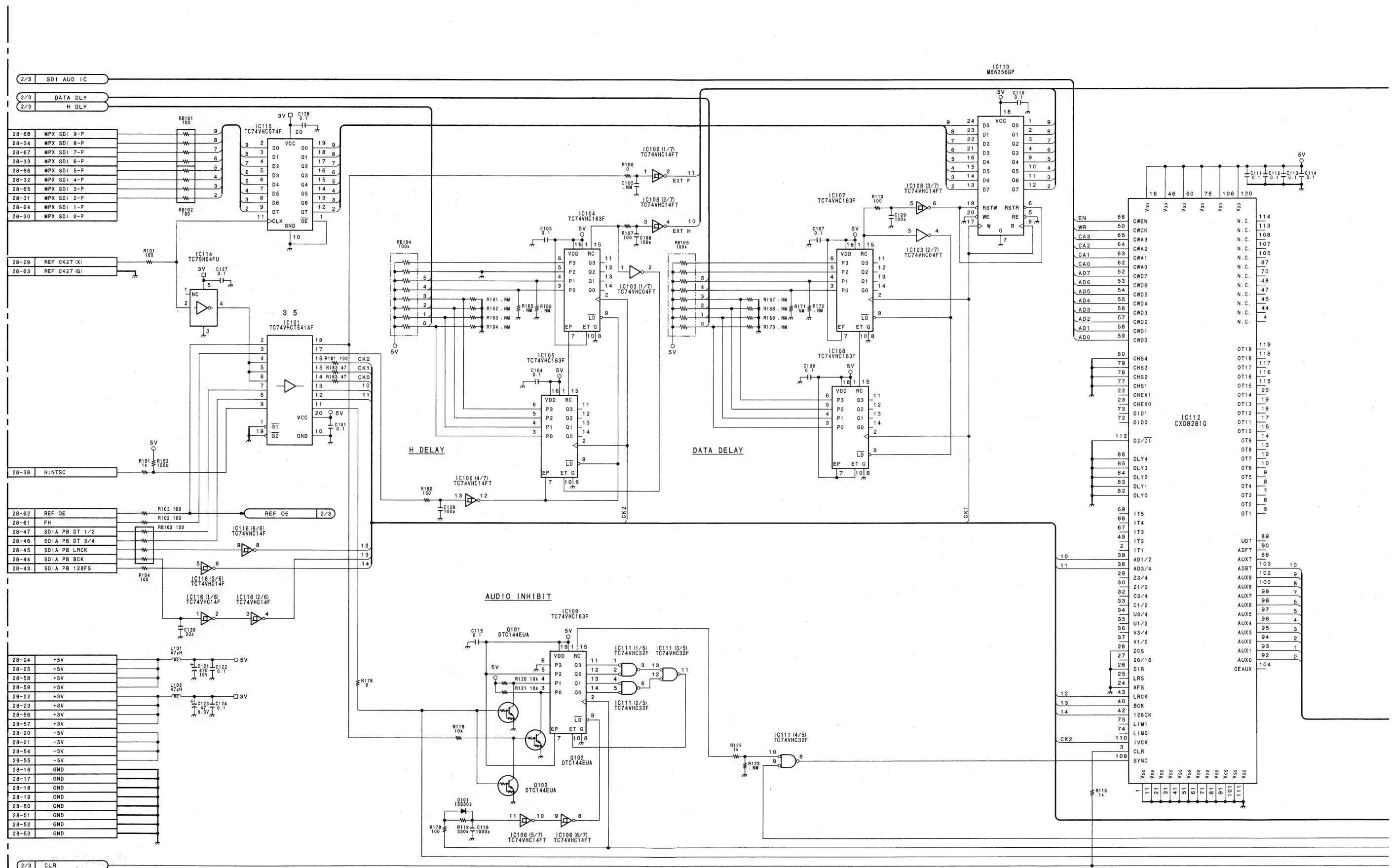




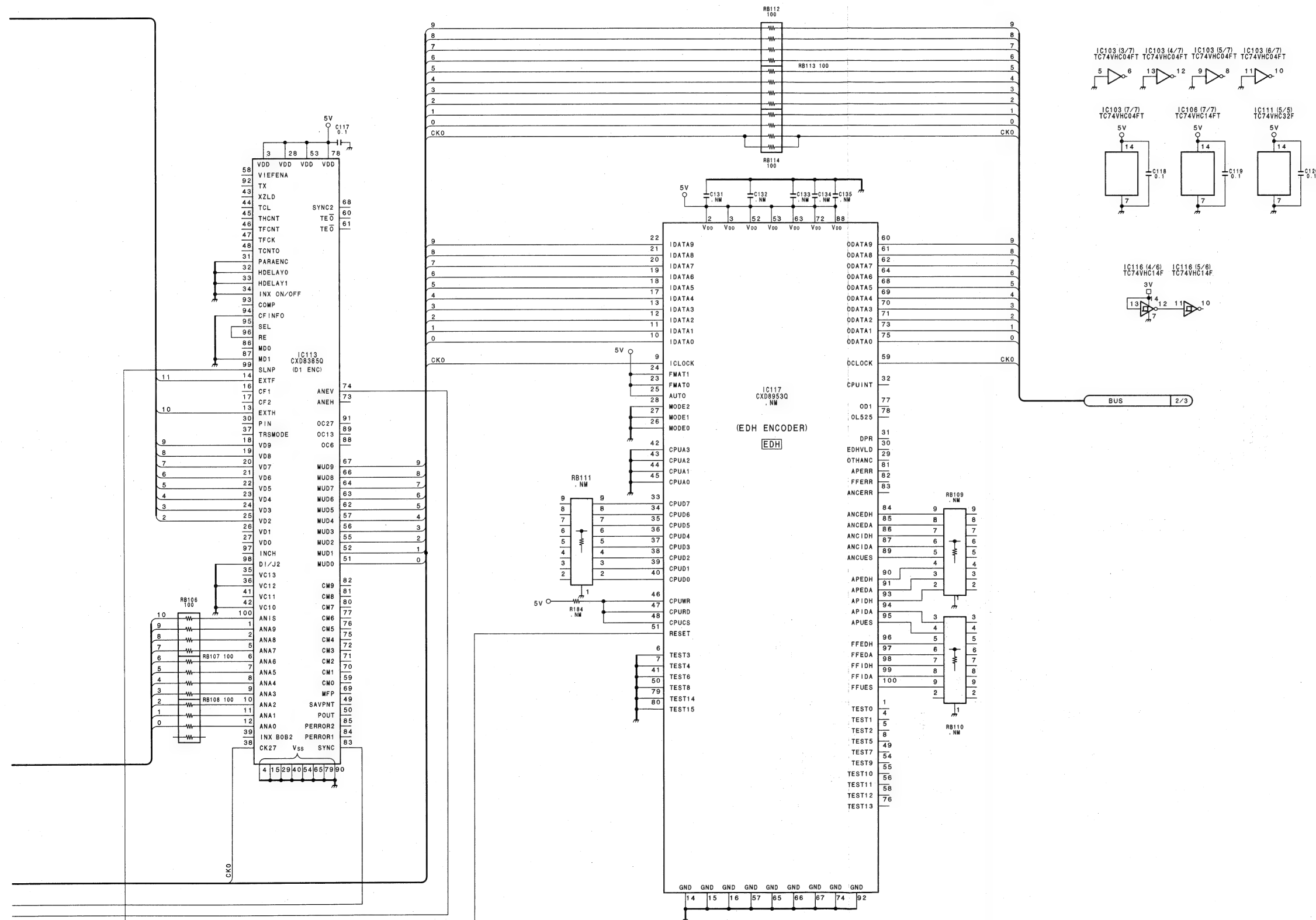




### SDI-28 (1/3) : SDI OUTPUT

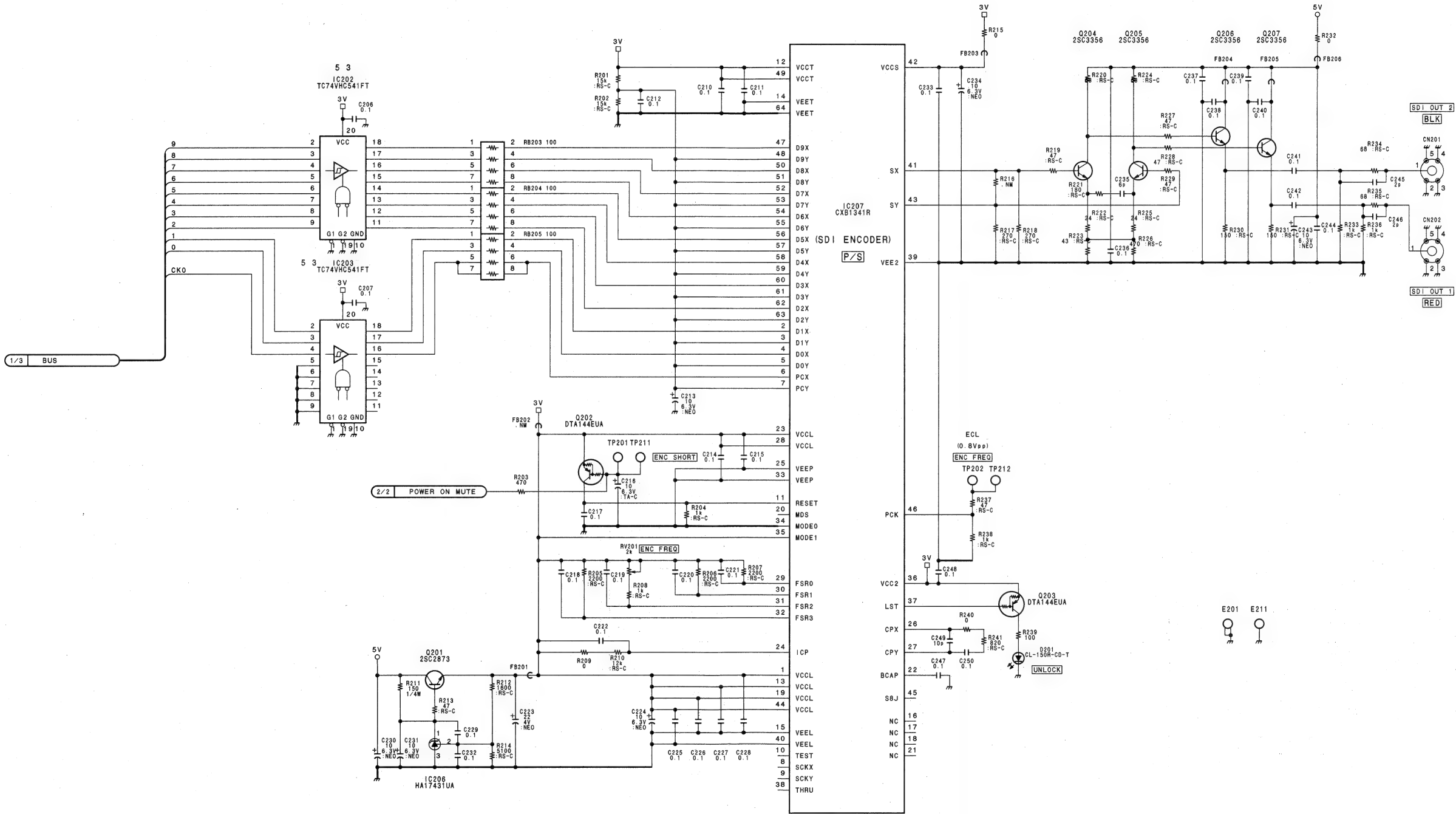






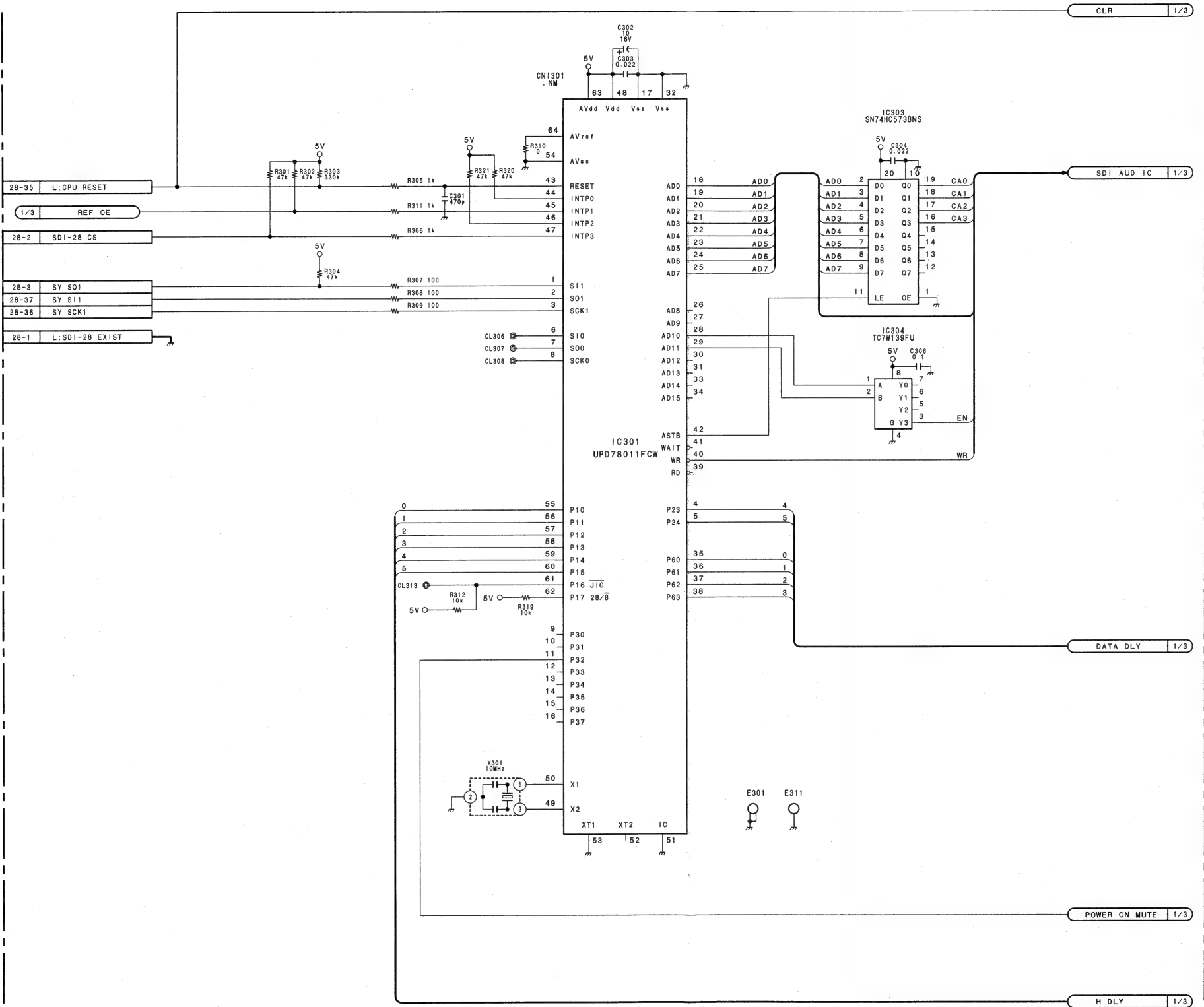


SDI-28 (2/3) : SDI OUTPUT





SDI-28 (3/3) : SDI OUTPUT



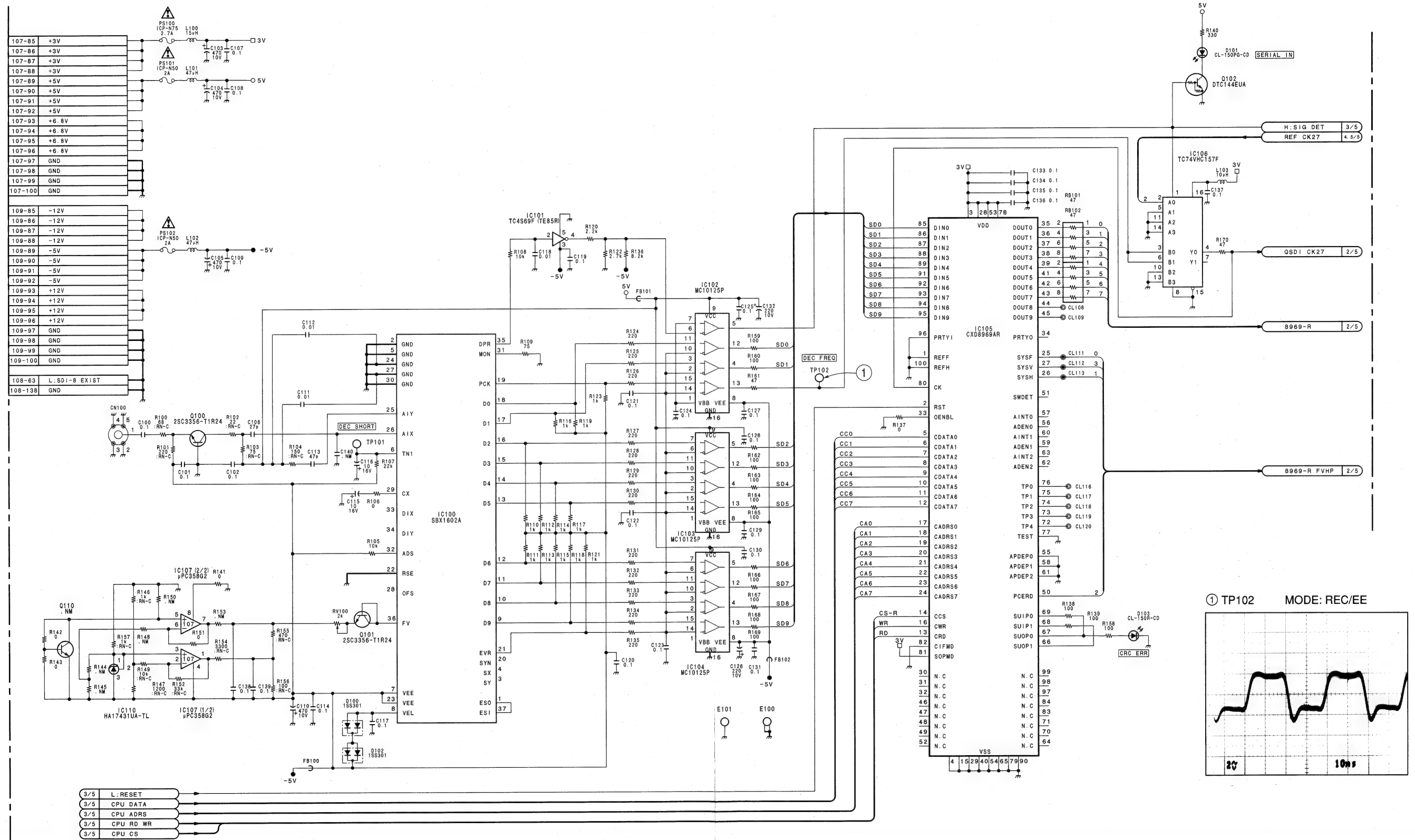
CN1301	64P
IC301	UPD78011FCW-028
IC302	1-526-950-11
IC303	8-759-483-67
IC304	8-759-483-67





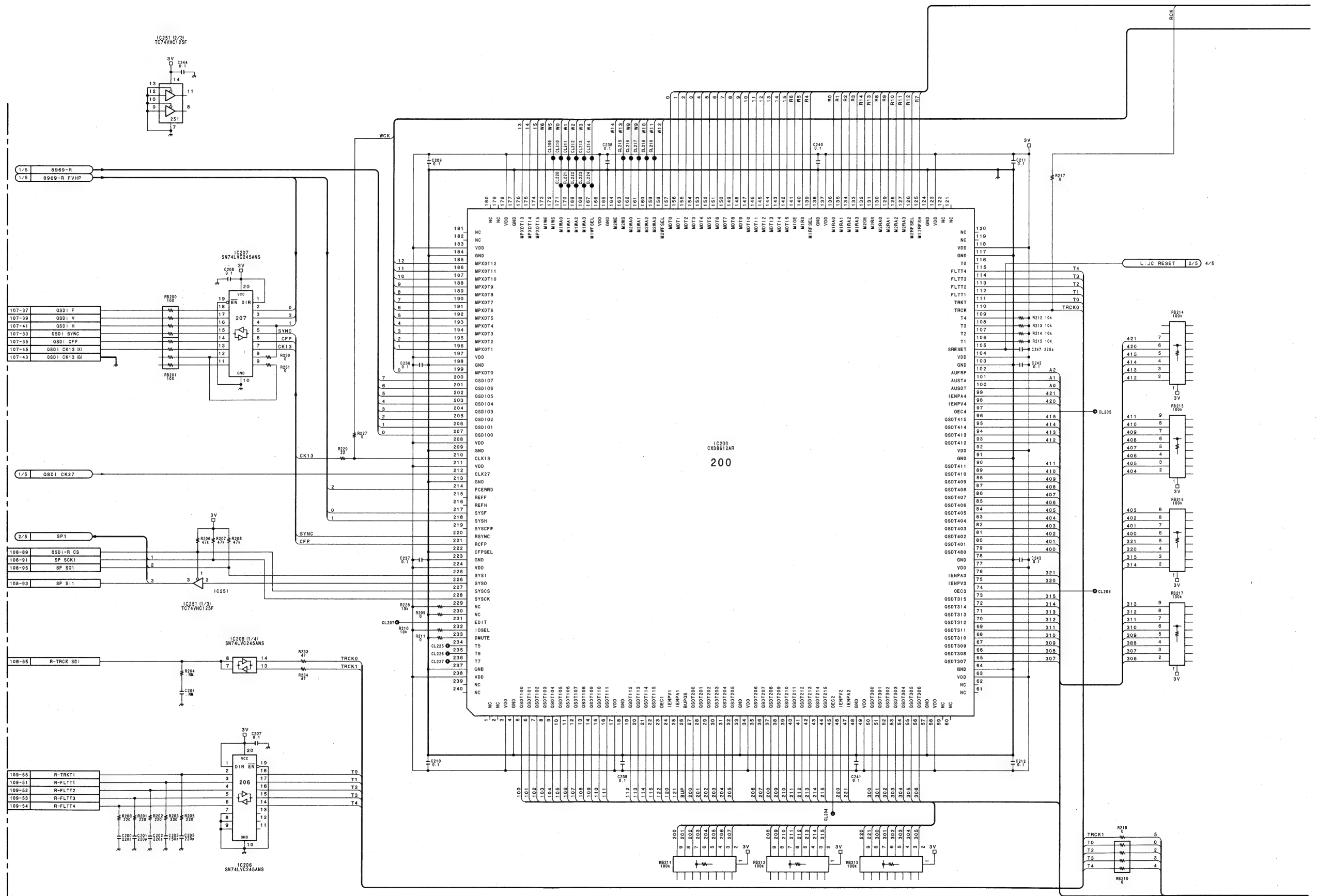


## SDI-8 (1/5) : QSDI INTERFACE

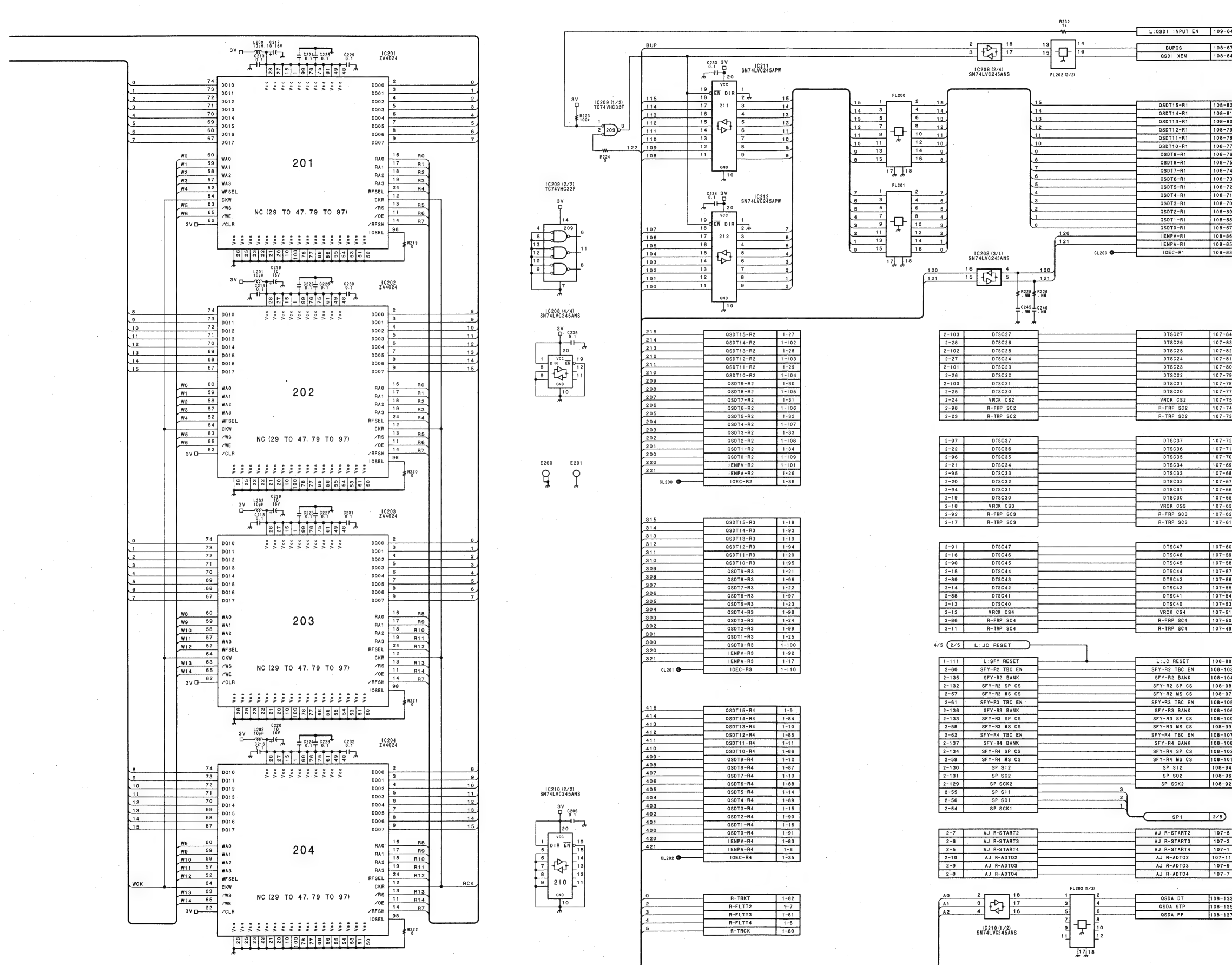




## SDI-8 (2/5) : QSDI INTERFACE

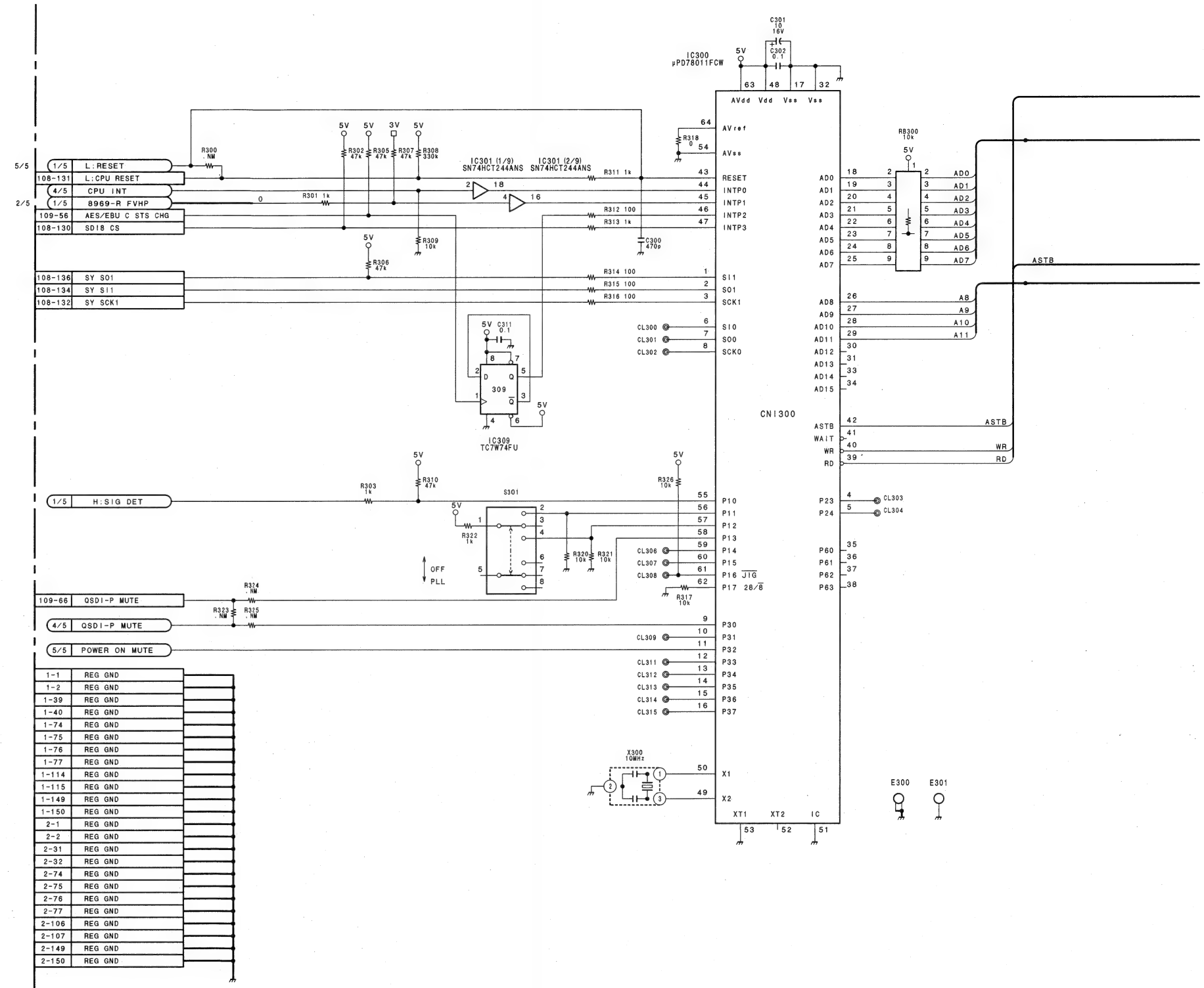




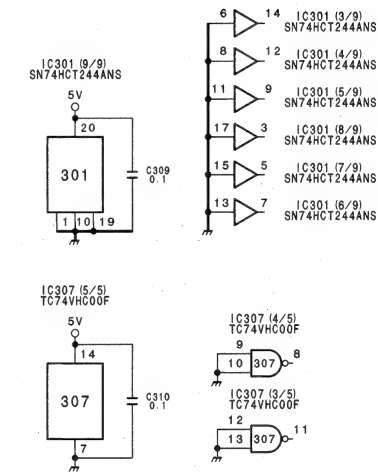
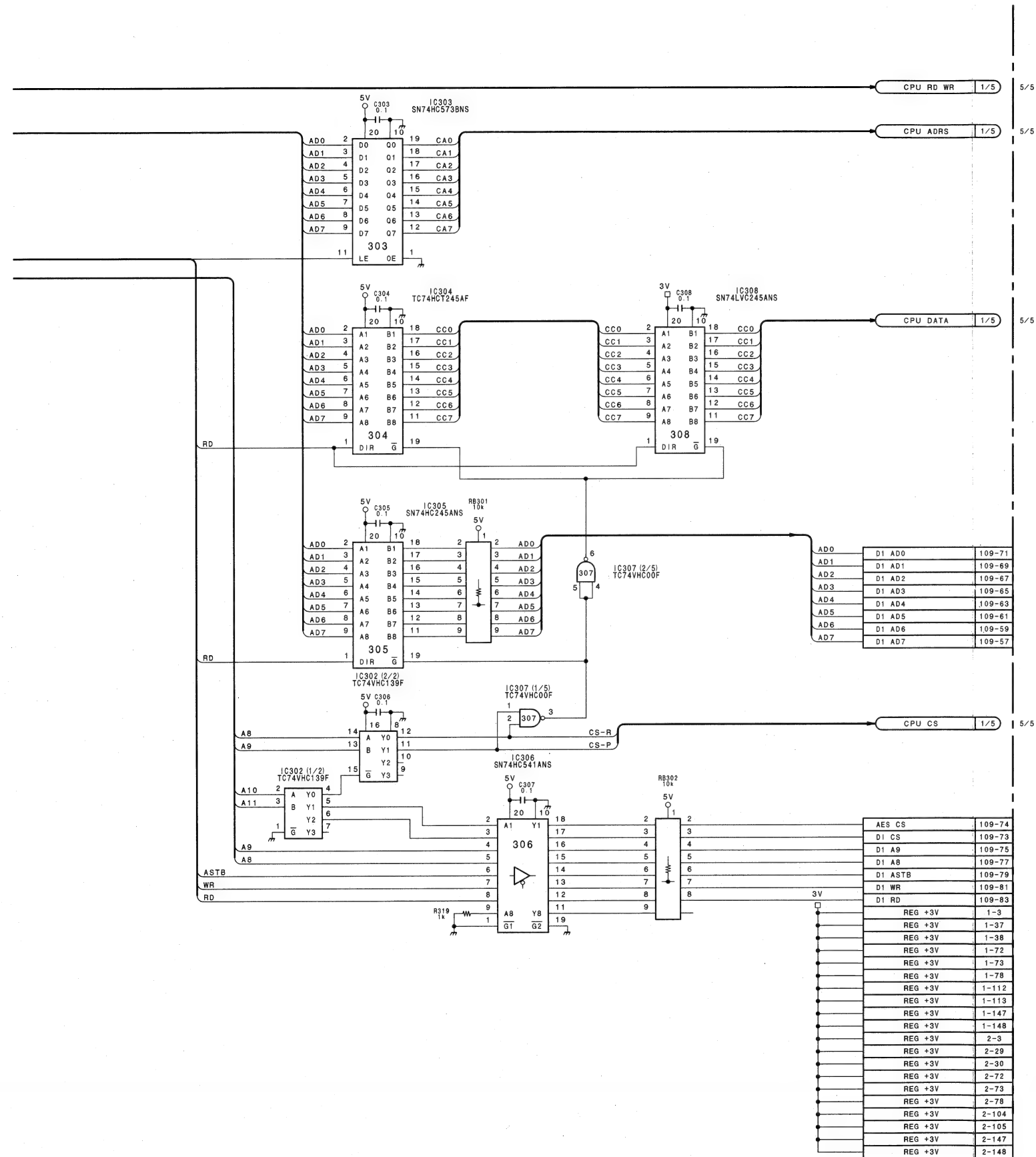




### SDI-8 (3/5) : QSDI INTERFACE

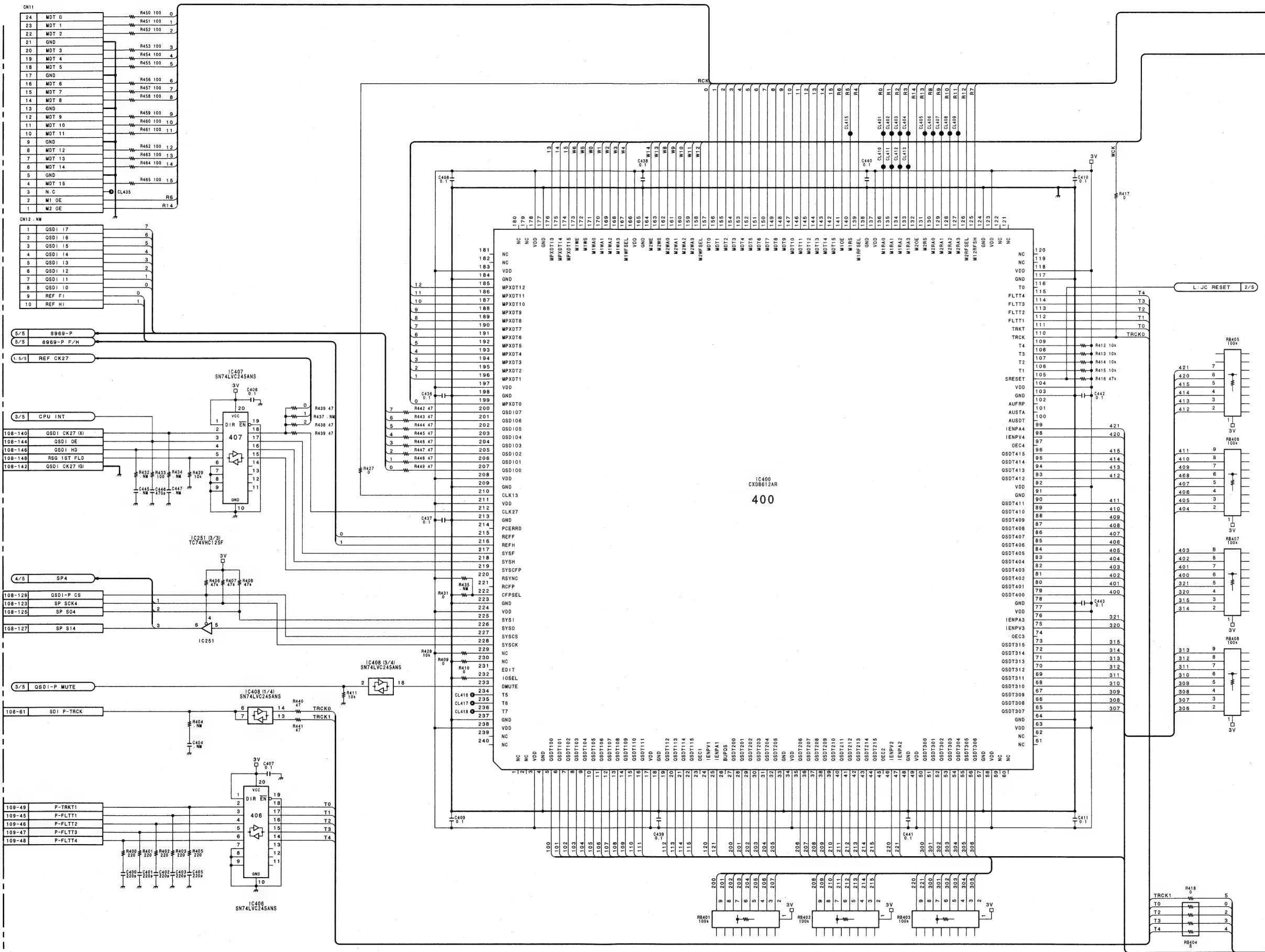




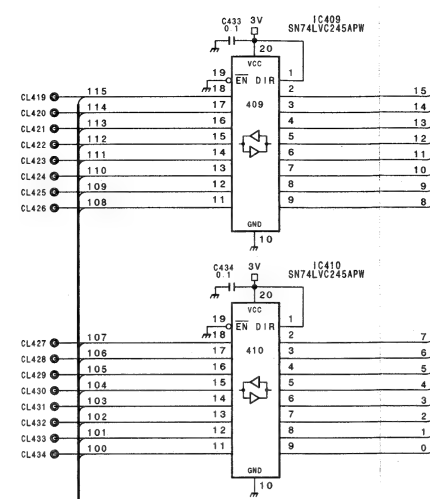
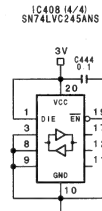
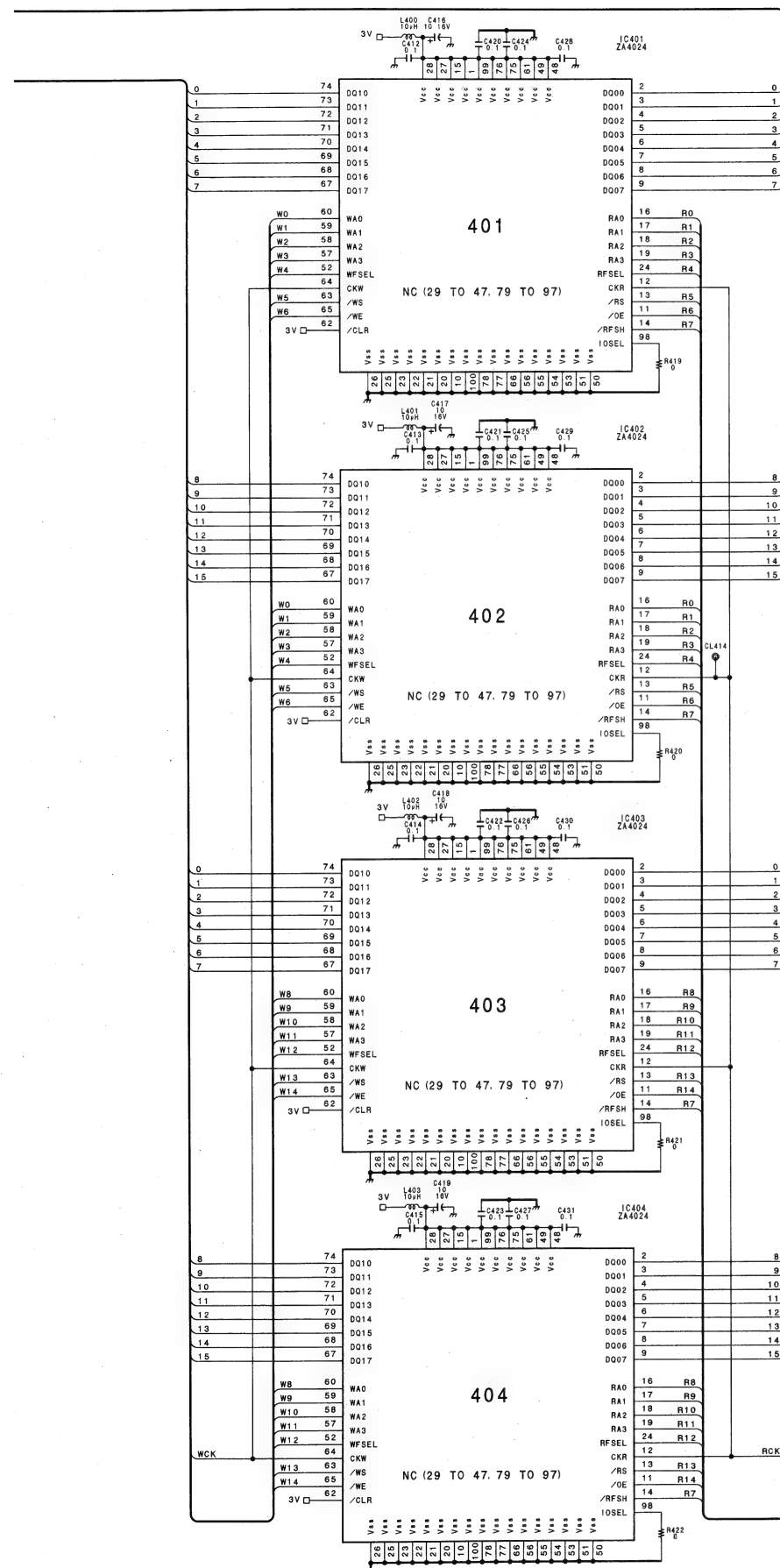




SDI-8 (4/5) : QSDI INTERFACE







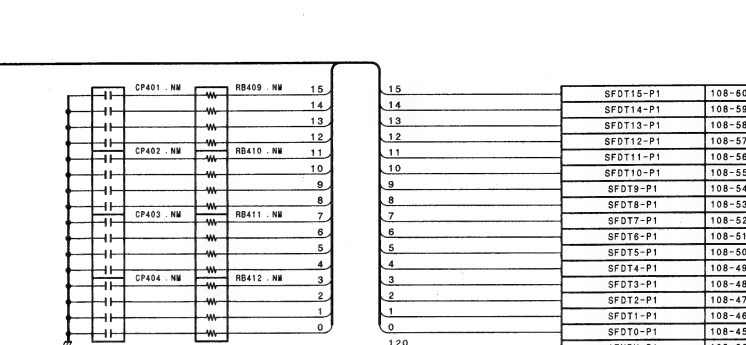
CL419	115	114	17	15
CL420	114	16	4	13
CL421	113	15	5	12
CL422	112	14	6	11
CL423	111	13	7	10
CL424	110	12	8	9
CL425	109	11	9	8
CL426	108	10	10	7
CL427	107	17	2	7
CL428	106	16	3	6
CL429	105	15	4	5
CL430	104	14	5	4
CL431	103	13	6	3
CL432	102	12	7	2
CL433	101	11	8	1
CL434	100	10	9	0

315	SFDT15-P3	1-54
314	SFDT14-P3	1-129
313	SFDT13-P3	1-55
312	SFDT12-P3	1-130
311	SFDT11-P3	1-56
310	SFDT10-P3	1-131
309	SFDT9-P3	1-57
308	SFDT8-P3	1-132
307	SFDT7-P3	1-58
306	SFDT6-P3	1-133
305	SFDT5-P3	1-59
304	SFDT4-P3	1-134
303	SFDT3-P3	1-60
302	SFDT2-P3	1-135
301	SFDT1-P3	1-61
300	SFDT0-P3	1-136
320	IENPV-P3	1-128
321	IENPA-P3	1-53

415	SFDT15-P4	1-45
414	SFDT14-P4	1-120
413	SFDT13-P4	1-46
412	SFDT12-P4	1-121
411	SFDT11-P4	1-47
410	SFDT10-P4	1-122
409	SFDT9-P4	1-48
408	SFDT8-P4	1-123
407	SFDT7-P4	1-49
406	SFDT6-P4	1-124
405	SFDT5-P4	1-50
404	SFDT4-P4	1-125
403	SFDT3-P4	1-51
402	SFDT2-P4	1-126
401	SFDT1-P4	1-52
400	SFDT0-P4	1-127
420	IENPV-P4	1-119
421	IENPA-P4	1-44

0	P-TRKT	1-118
2	P-FLTT2	1-43
3	P-FLTT3	1-117
4	P-FLTT4	1-42
5	P-TRCK	1-116

REG +3V	1-4
REG +3V	1-79
REG GND	1-5
REG GND	1-41
REG GND	1-71
REG GND	1-146



2-53	DTCS27	108-41
2-128	DTCS26	108-42
2-52	DTCS25	108-39
2-127	DTCS24	108-40
2-51	DTCS23	108-37
2-126	DTCS22	108-38
2-50	DTCS21	108-35
2-125	DTCS20	108-36
2-49	VPCK2	108-33
2-124	VADV CS2	108-34
2-48	SCDV CS2	108-31
2-123	SY CS2	108-32
2-47	P-FRP SC2	108-29
2-122	P-TRP SC2	108-30

2-46	DTCS37	108-27
2-121	DTCS36	108-28
2-45	DTCS35	108-25
2-120	DTCS34	108-26
2-44	DTCS33	108-23
2-119	DTCS32	108-24
2-43	DTCS31	108-21
2-118	DTCS30	108-22
2-42	VPCK3	108-19
2-117	VADV CS3	108-20
2-41	SCDV CS3	108-17
2-116	SY CS3	108-18
2-40	P-FRP SC3	108-15
2-115	P-TRP SC3	108-16

2-39	DTCS47	108-13
2-114	DTCS46	108-14
2-38	DTCS45	108-11
2-113	DTCS44	108-12
2-37	DTCS43	108-9
2-112	DTCS42	108-10
2-36	DTCS41	108-7
2-111	DTCS40	108-8
2-35	VPCK4	108-5
2-110	VADV CS4	108-6
2-34	SCDV CS4	108-3
2-109	SY CS4	108-4
2-33	P-FRP SC4	108-1
2-108	P-TRP SC4	108-2

2-63	SFY-P2 TBC EN	108-111
2-138	SFY-P2 BANK	108-112
2-141	SFY-P2 SP CS	108-118
2-66	SFY-P2 MS CS	108-117
2-64	SFY-P3 TBC EN	108-113
2-139	SFY-P3 BANK	108-114
2-142	SFY-P3 SP CS	108-120
2-67	SFY-P3 MS CS	108-119
2-65	SFY-P4 TBC EN	108-115
2-140	SFY-P4 BANK	108-116
2-143	SFY-P4 SP CS	108-122
2-68	SFY-P4 MS CS	108-121
2-145	SP S15	108-128
2-146	SP S05	108-126
2-144	SP SCK5	108-124
2-70	SP S14	
2-71	SP S04	
2-69	SP SCK4	

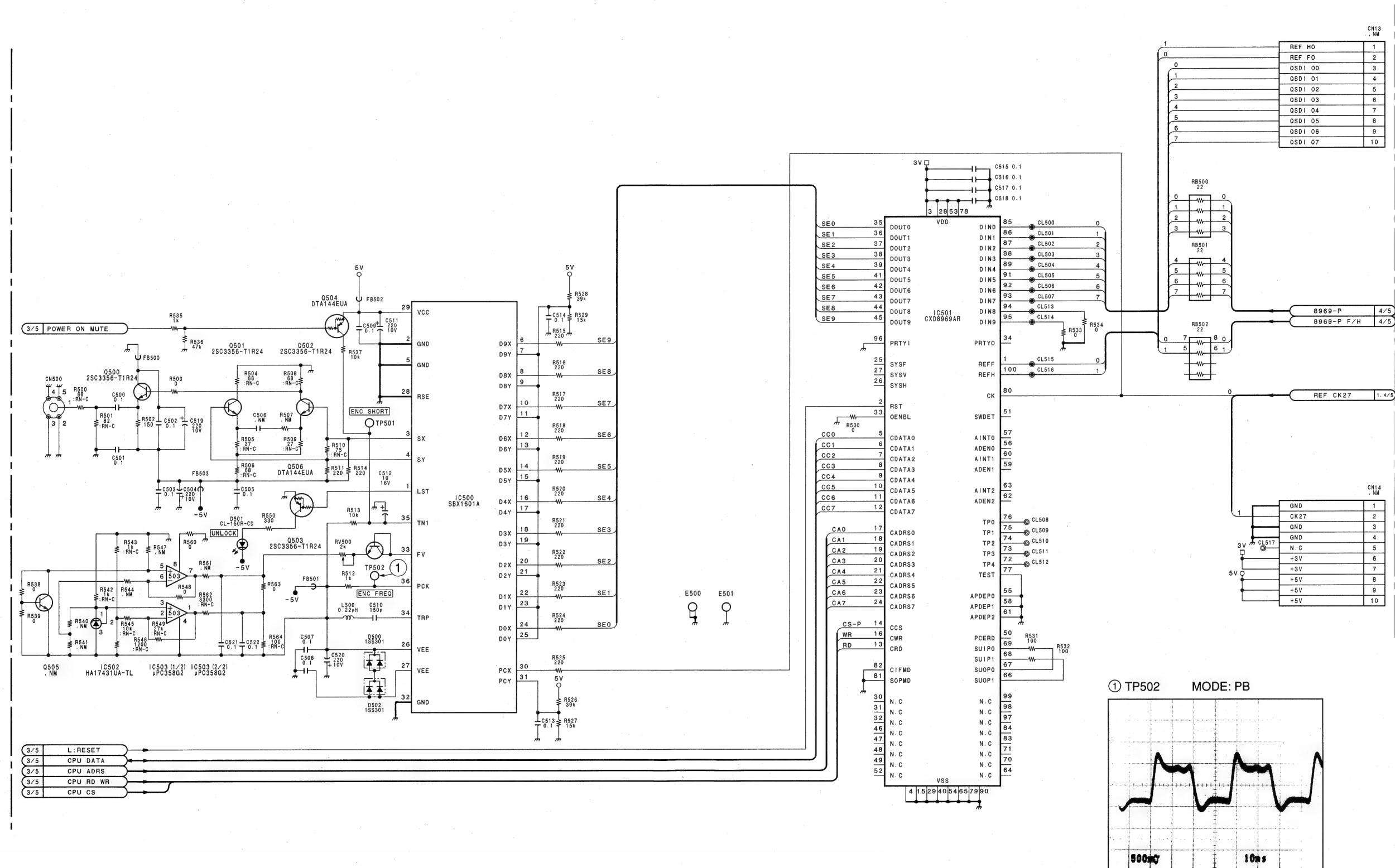
2-82	AJ P-START2	107-17
2-81	AJ P-START3	107-16
2-80	AJ P-START4	107-13
2-85	AJ P-ADT02	107-23
2-84	AJ P-ADT03	107-21
2-83	AJ P-ADT04	107-19

2-4	REG +3V	
2-79	REG +3V	
2-87	REG GND	
2-93	REG GND	
2-99	REG GND	



## SDI-8 (5/5) : QSDI INTERFACE

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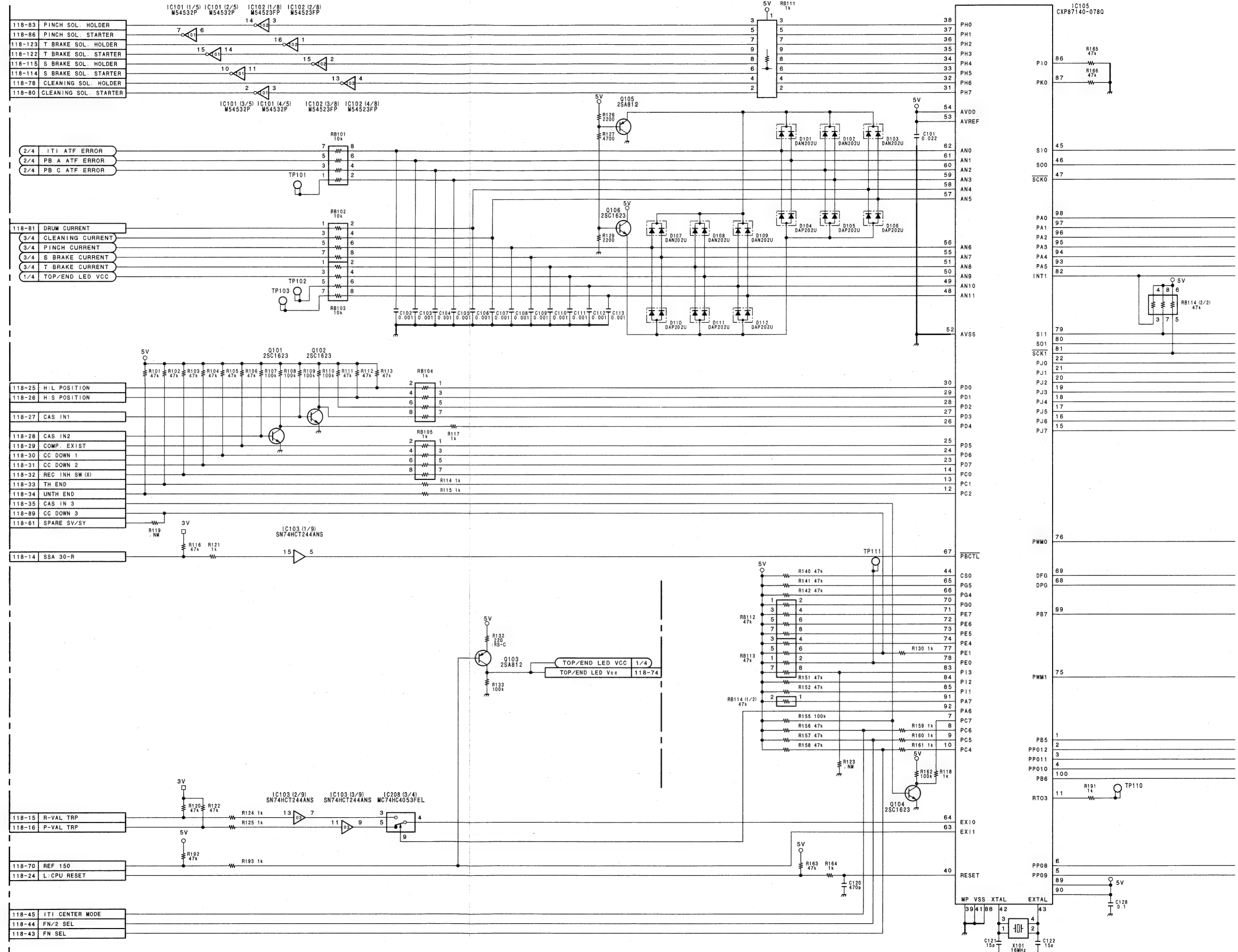




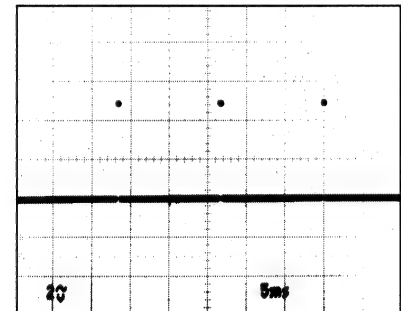




SV-161 (1/4) : SERVO SYSTEM

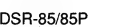








## SV-161 (2/4) SV-161 (2/4)

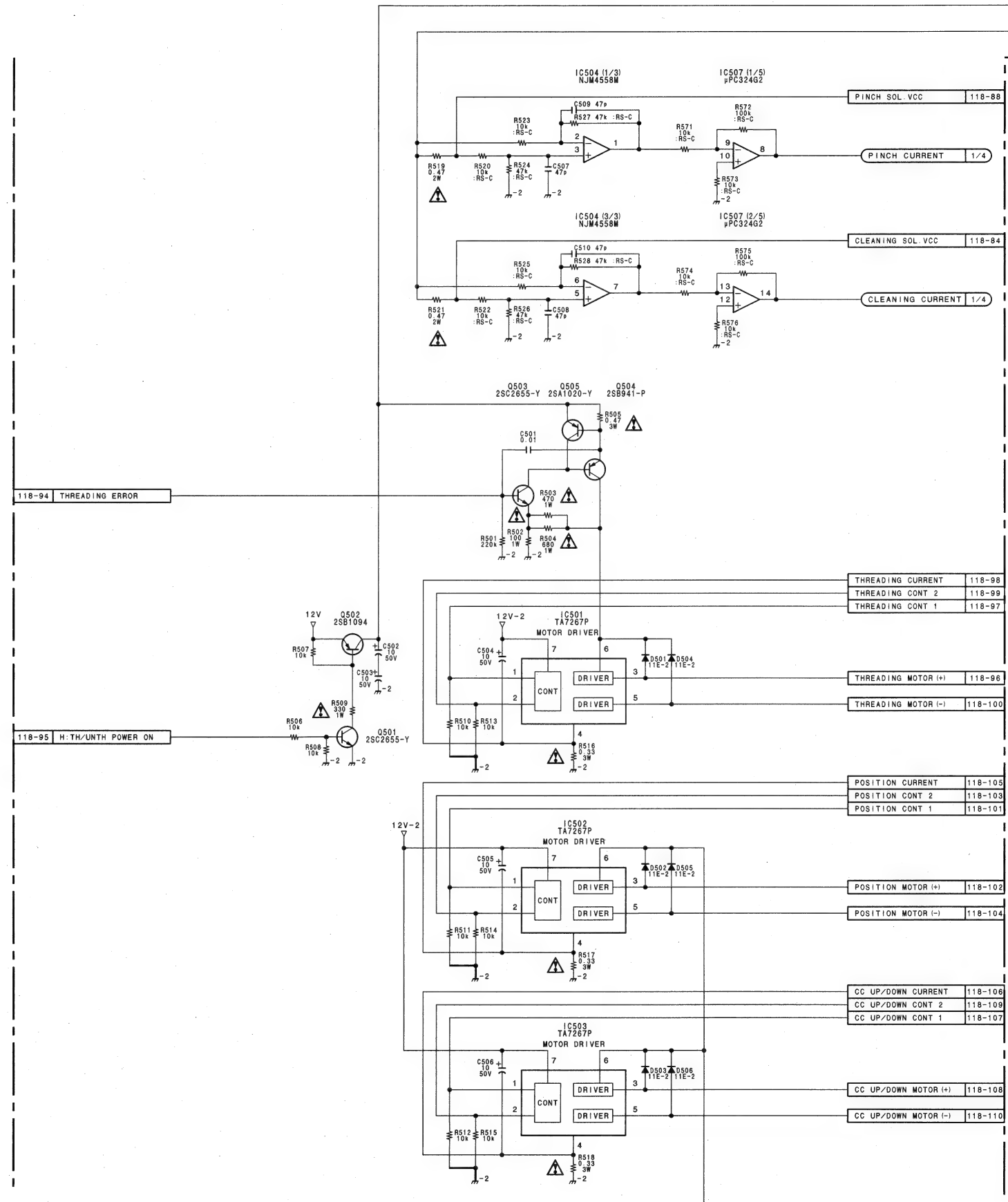








## SV-161 (3/4) : SERVO SYSTEM





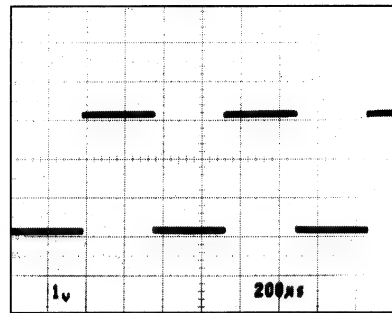




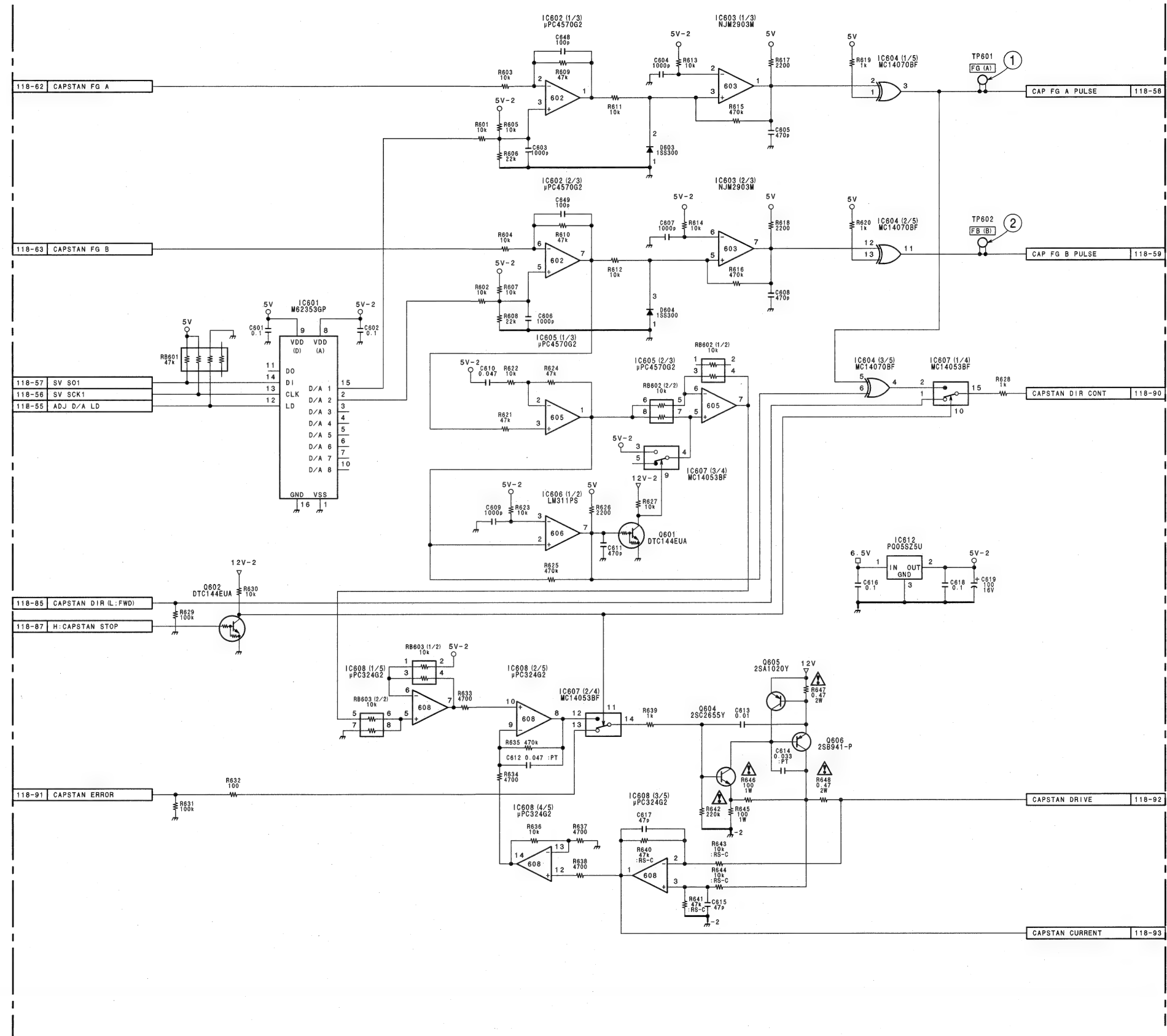
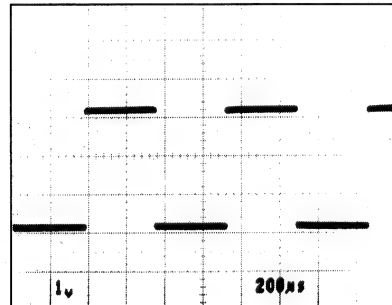
## SV-161 (4/4) : SERVO SYSTEM

**5**

① TP601      MODE: REC/PB



② TP602      MODE: REC/PB









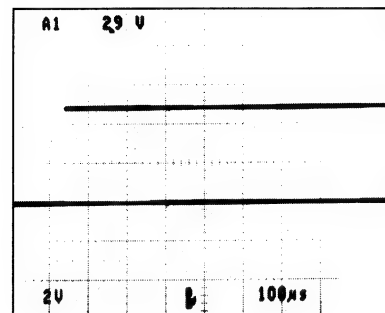




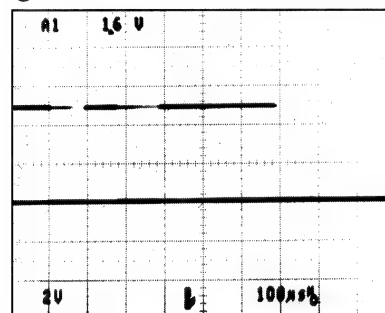
SY-220 : SYSTEM CONTROL

SY-220 (3/8)

① TP305      MODE: REC/EE/PB

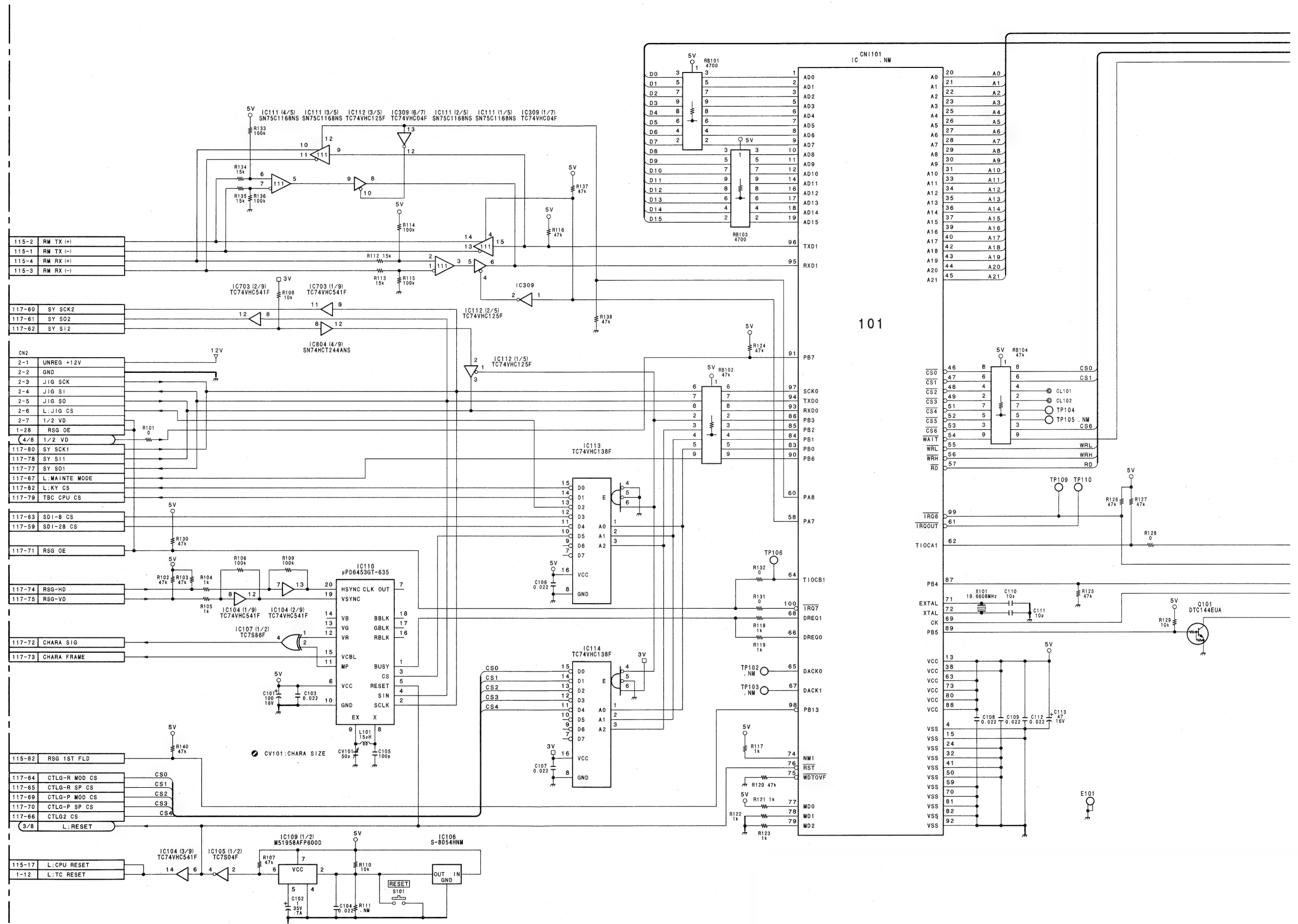


② TP306      MODE: REC/EE/PB

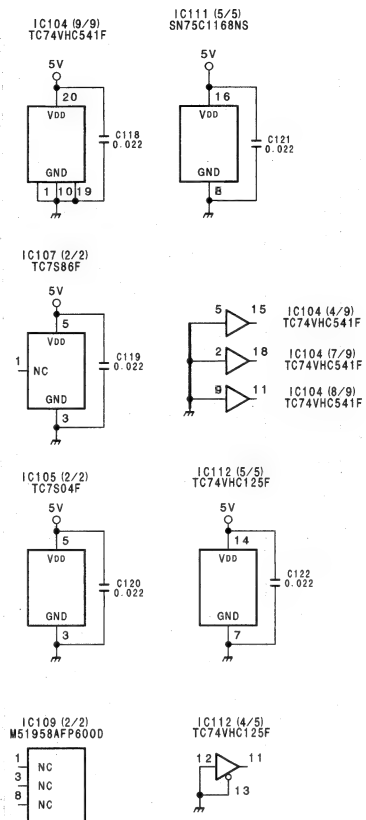
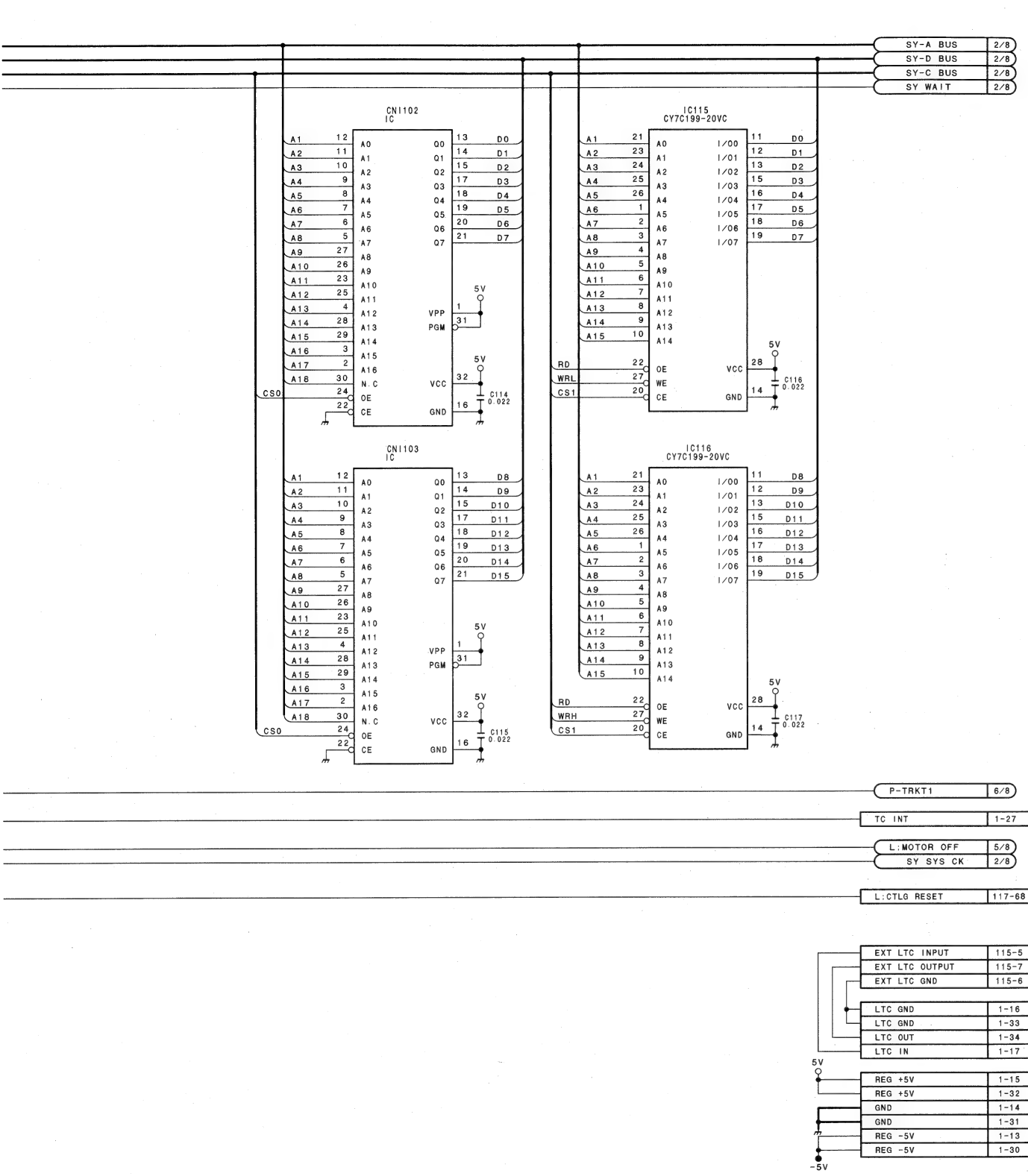




## SY-220 (1/8) : SYSTEM CONTROL

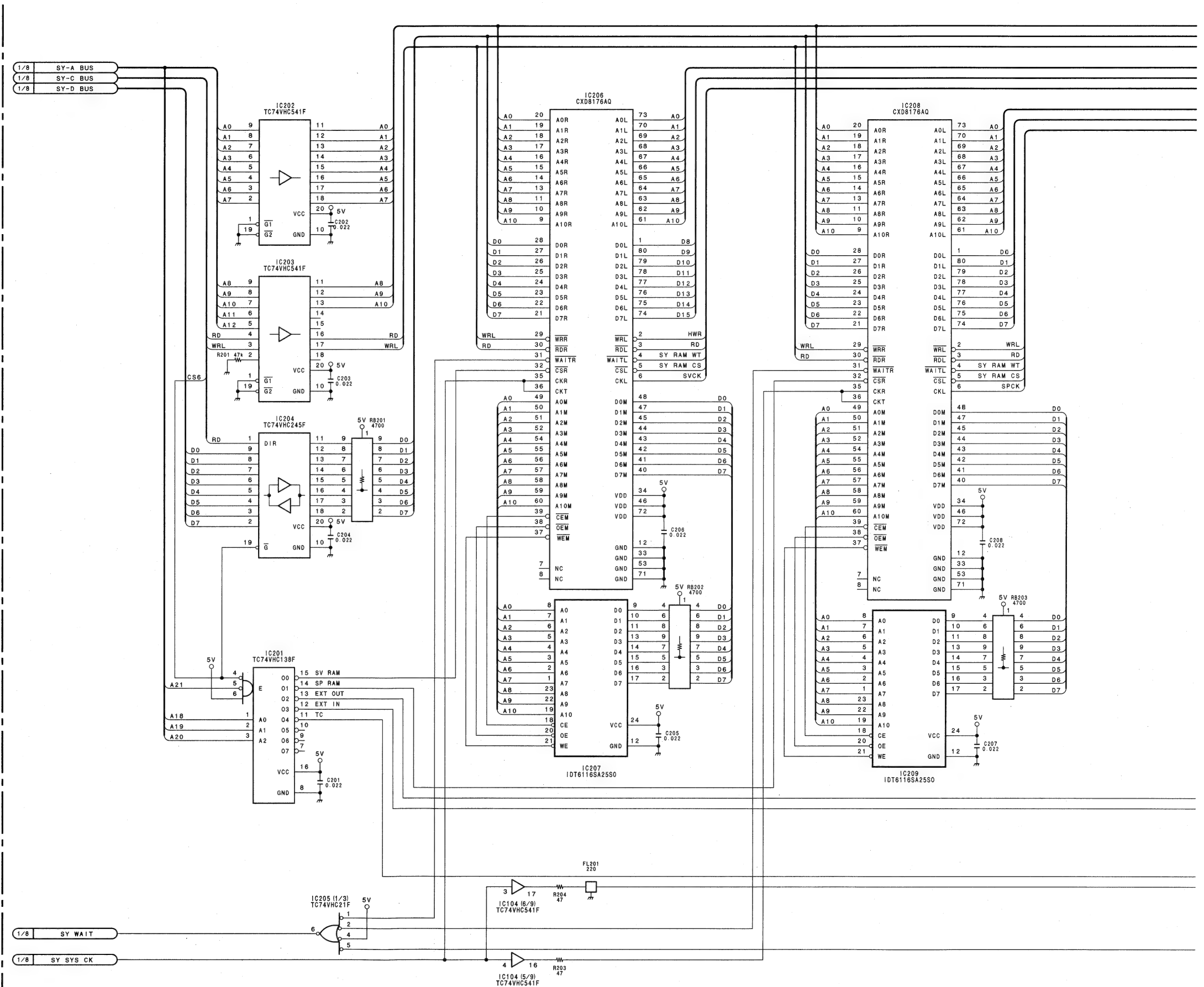




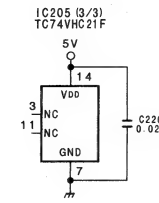




## SY-220 (2/8) : SYSTEM CONTROL

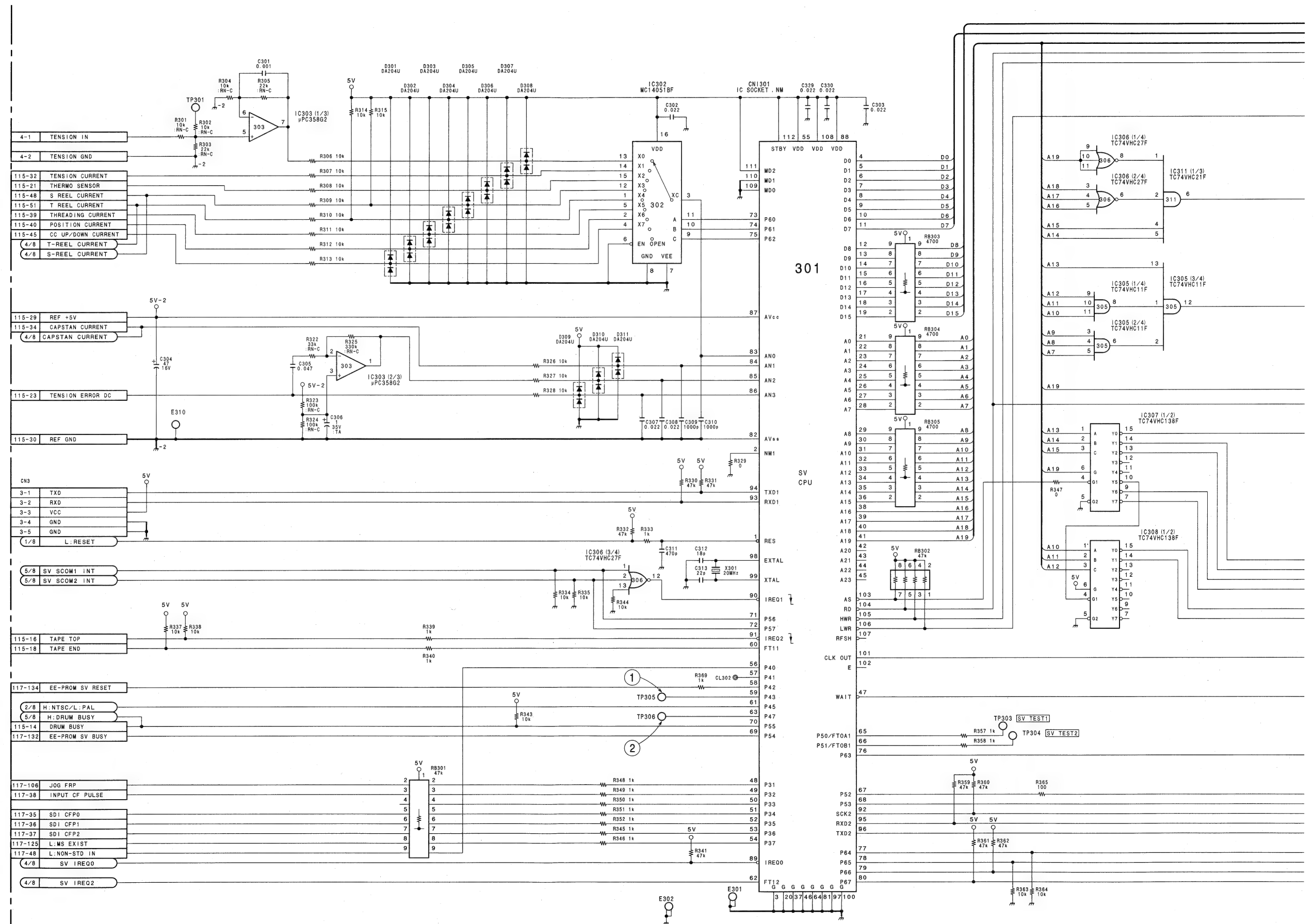




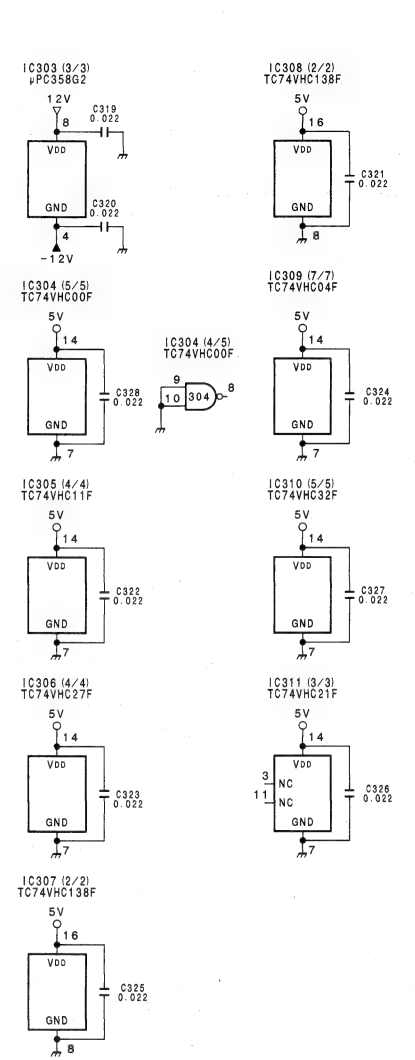
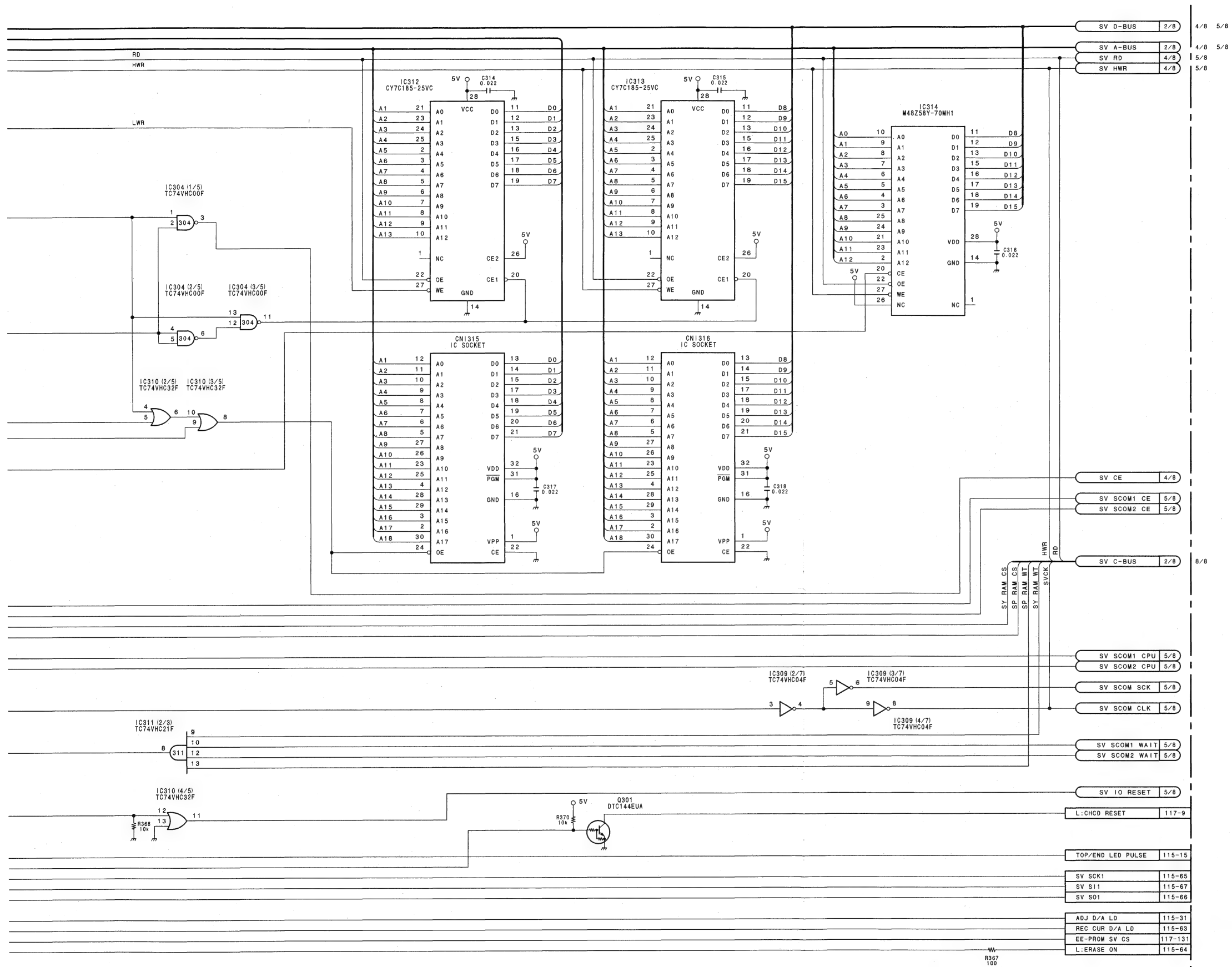




## SY-220 (3/8) : SYSTEM CONTROL



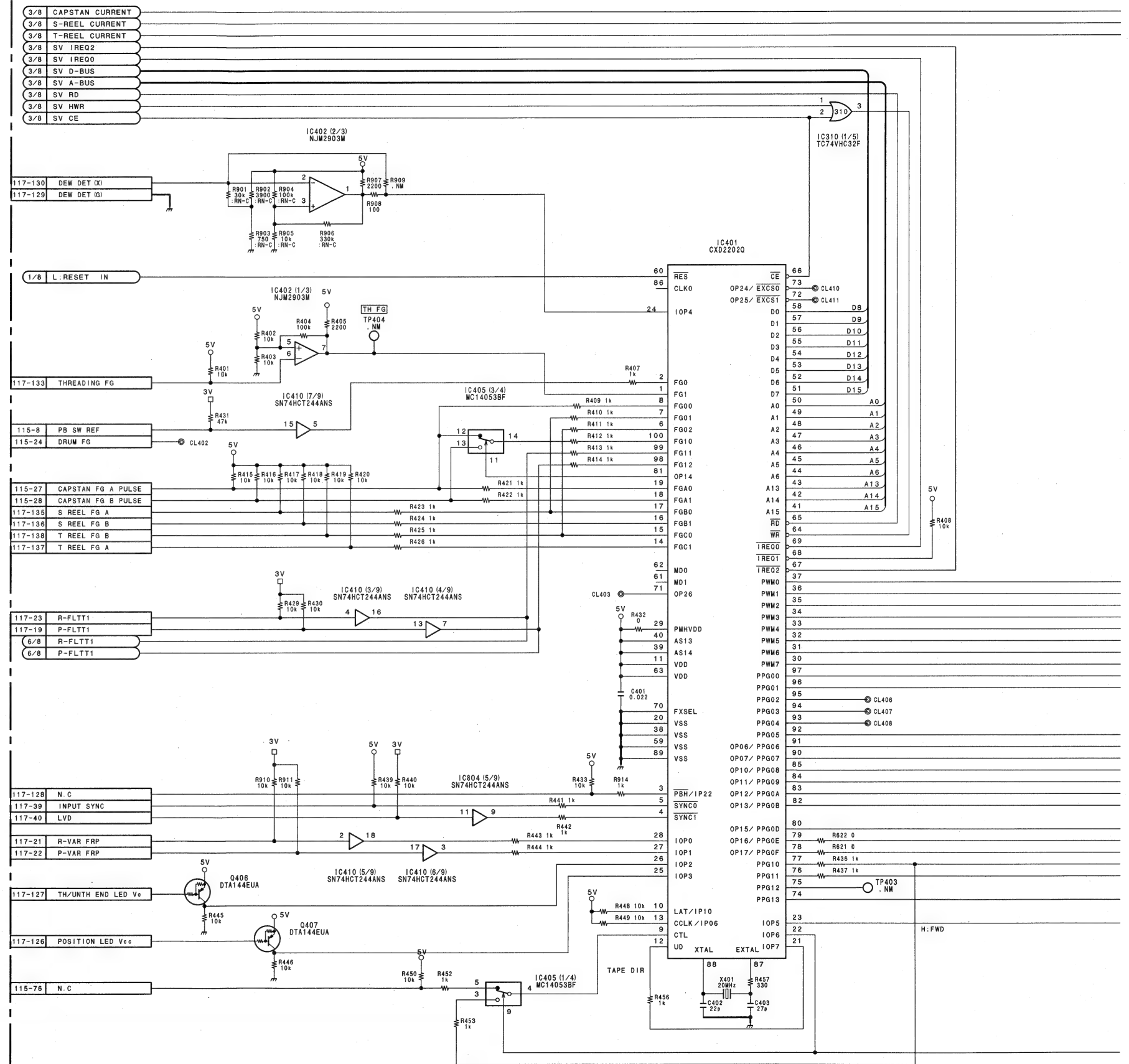
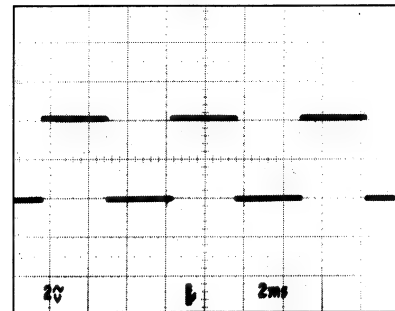




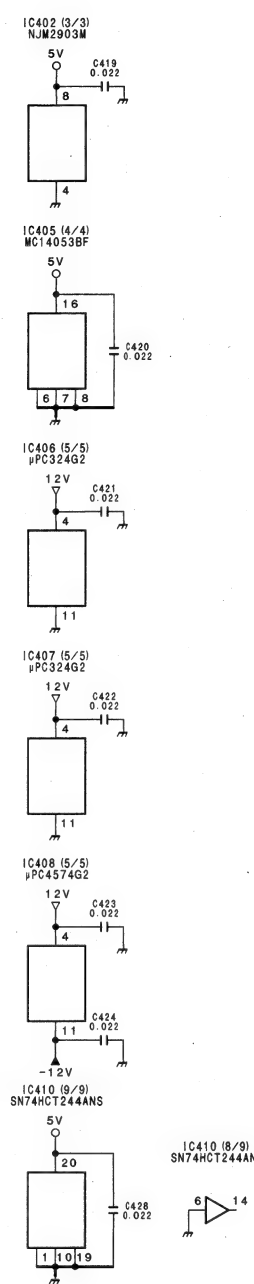
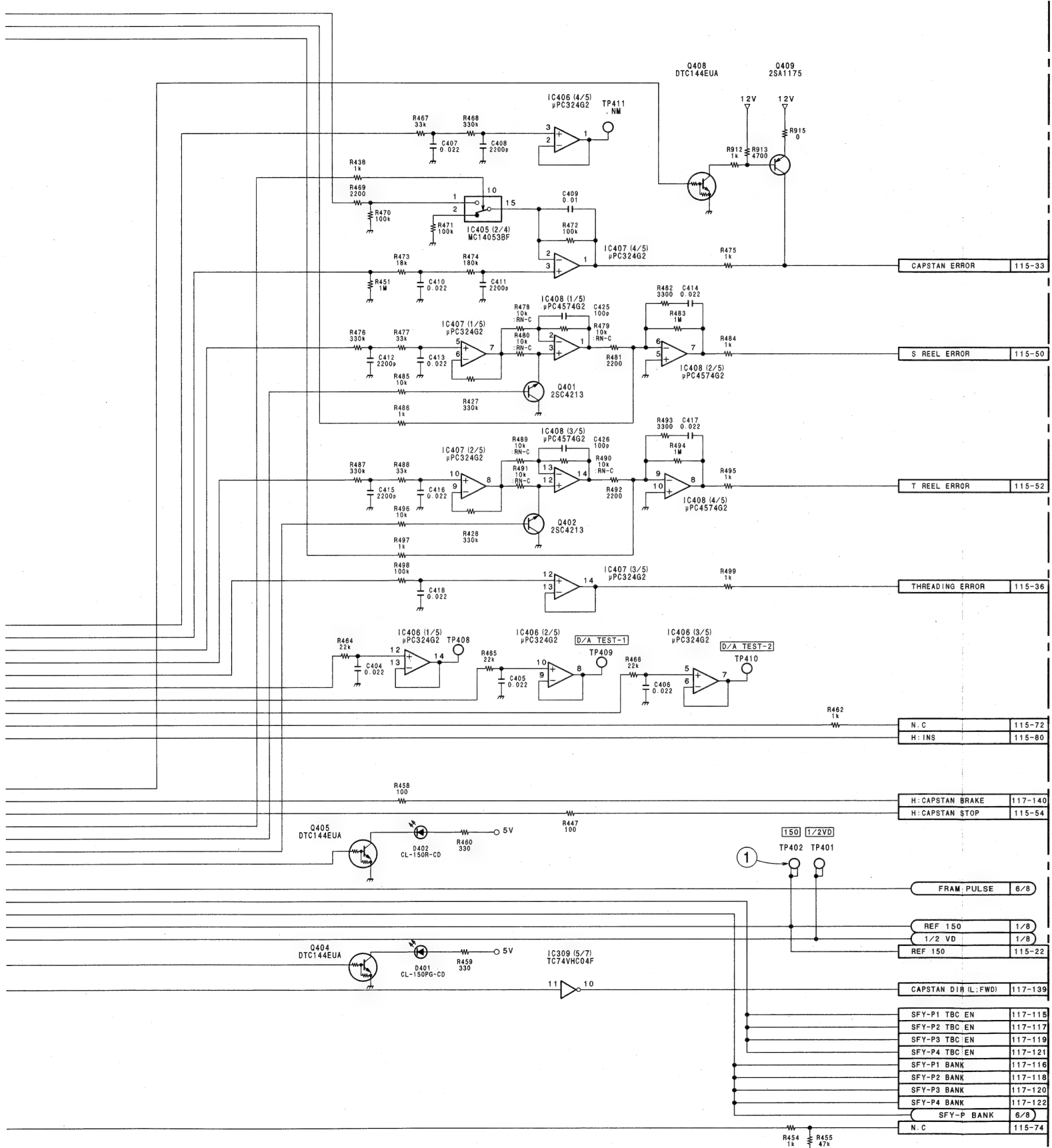


## SY-220 (4/8) : SYSTEM CONTROL

① TP402      MODE: REC/PB

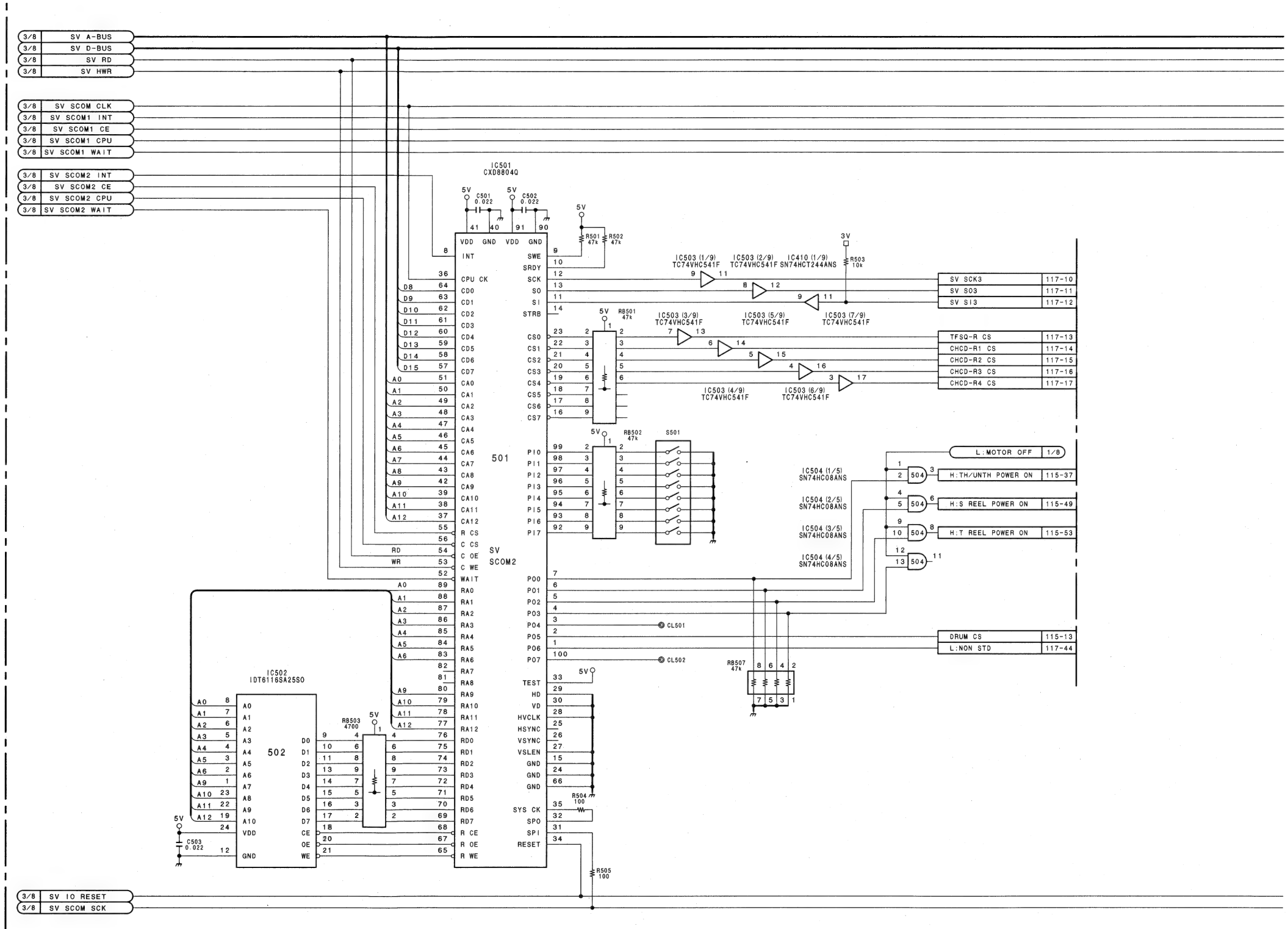




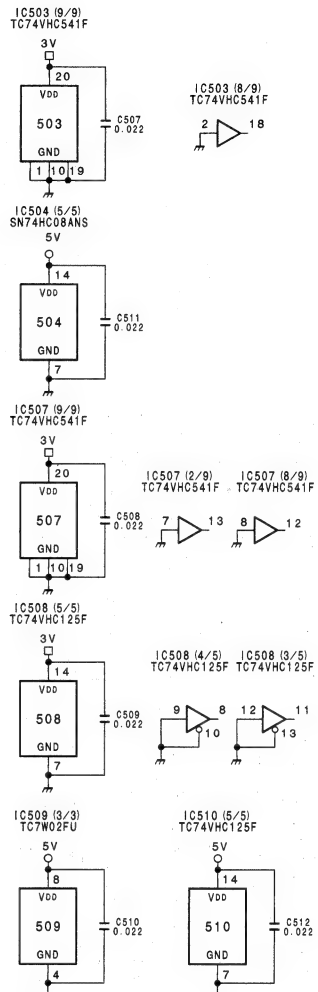
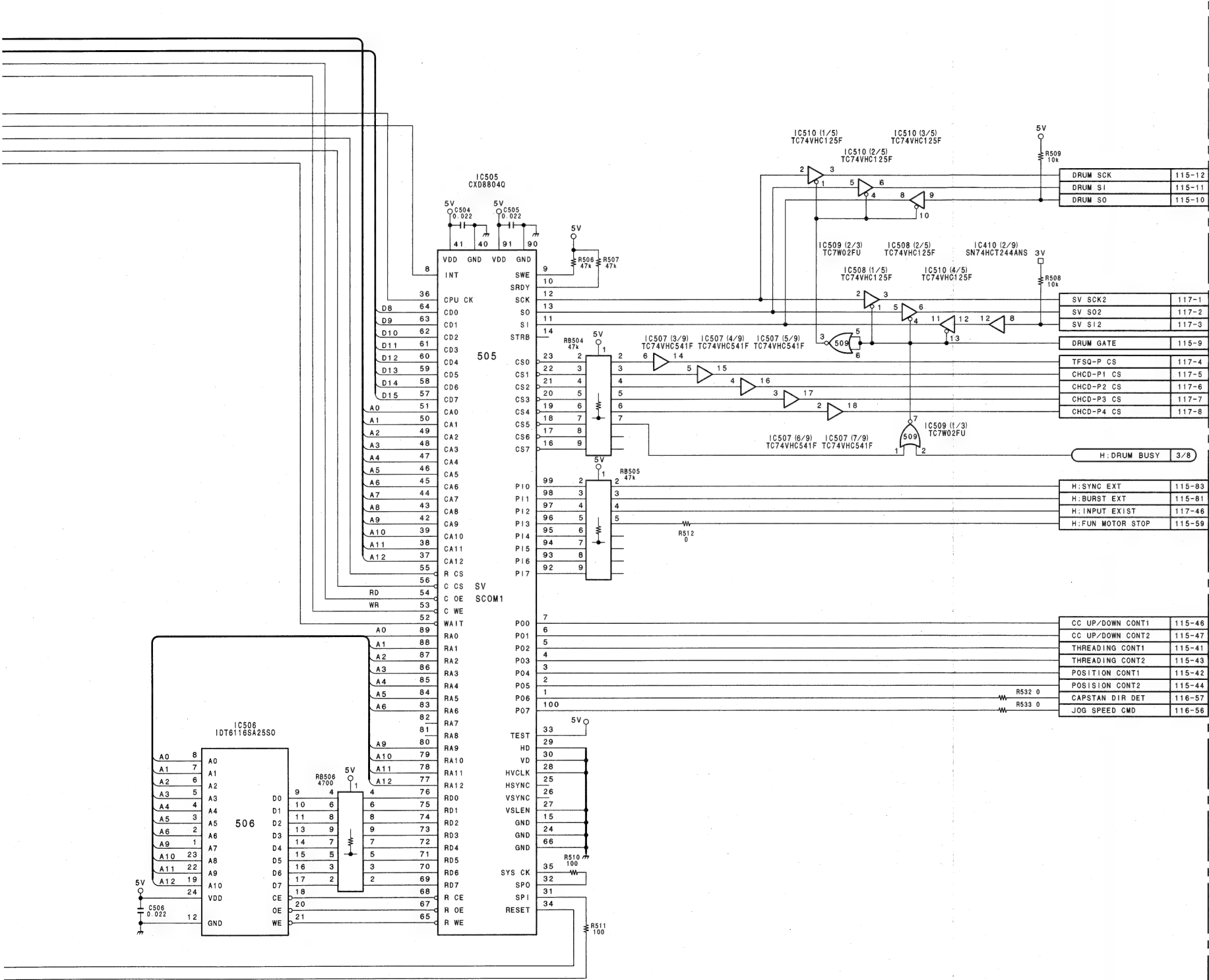




## SY-220 (5/8) : SYSTEM CONTROL

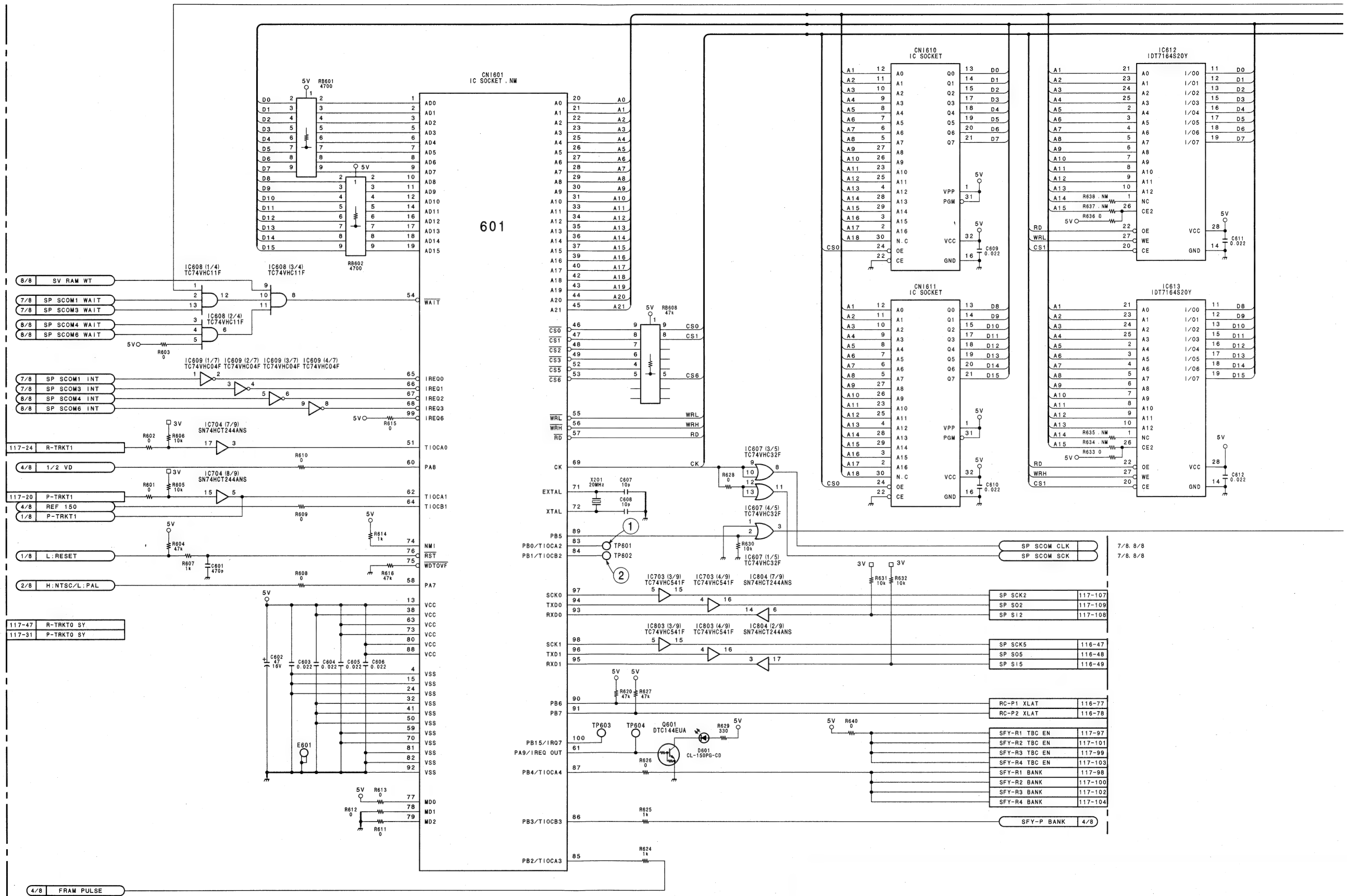




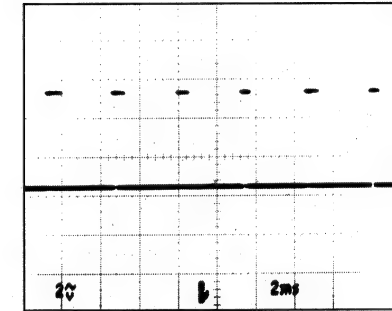
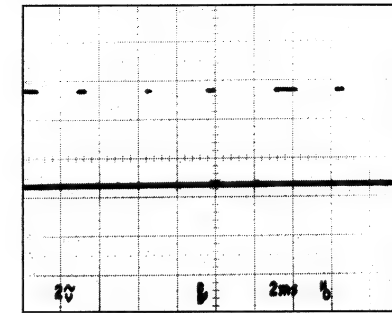
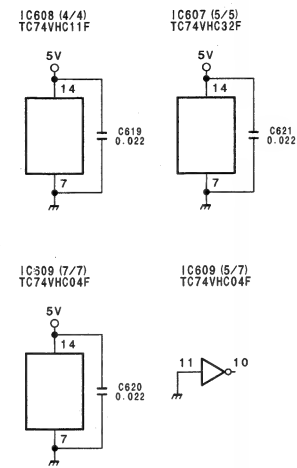




## SY-220 (6/8) : SYSTEM CONTROL









## SY-220 (7/8) : SYSTEM CONTROL

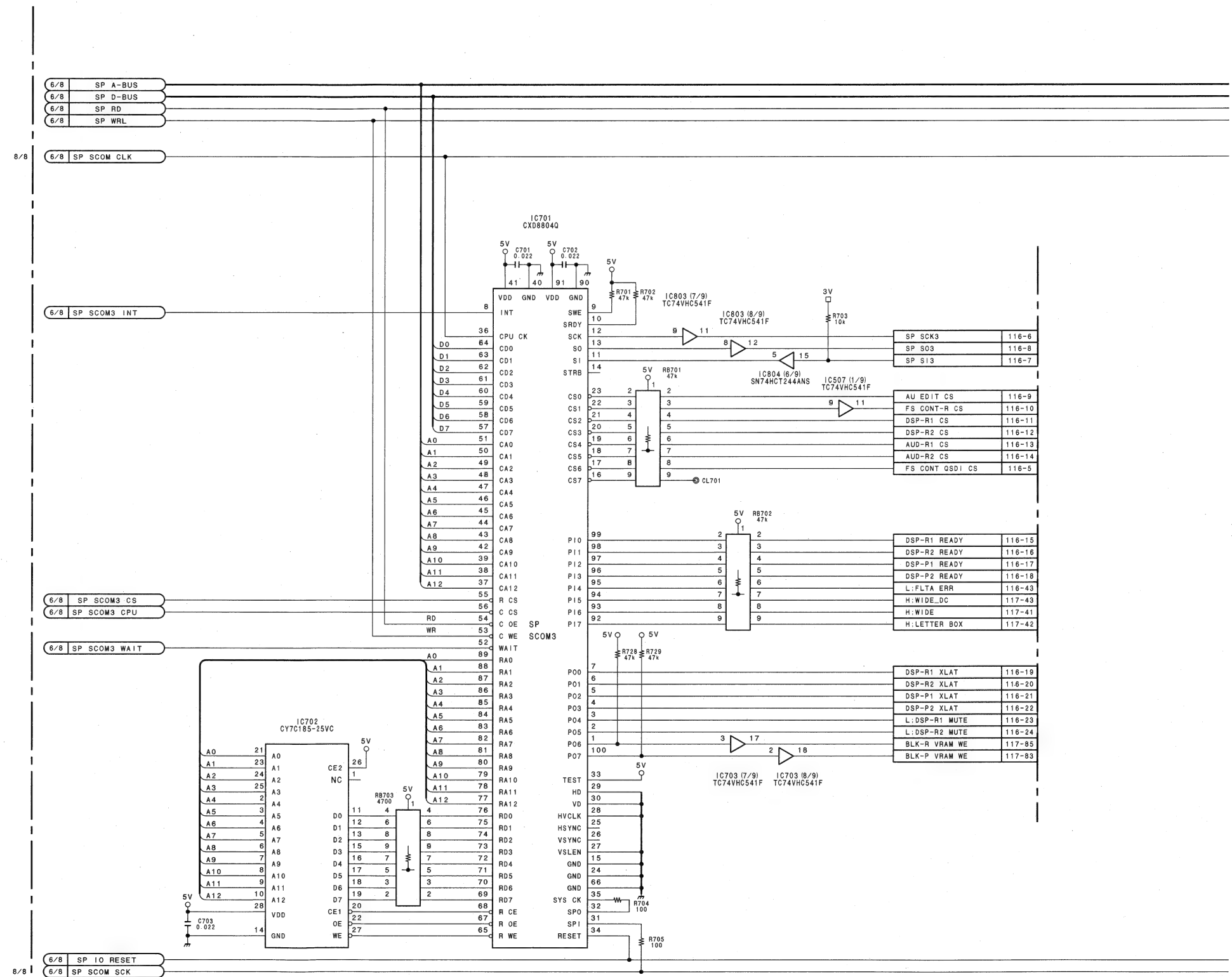
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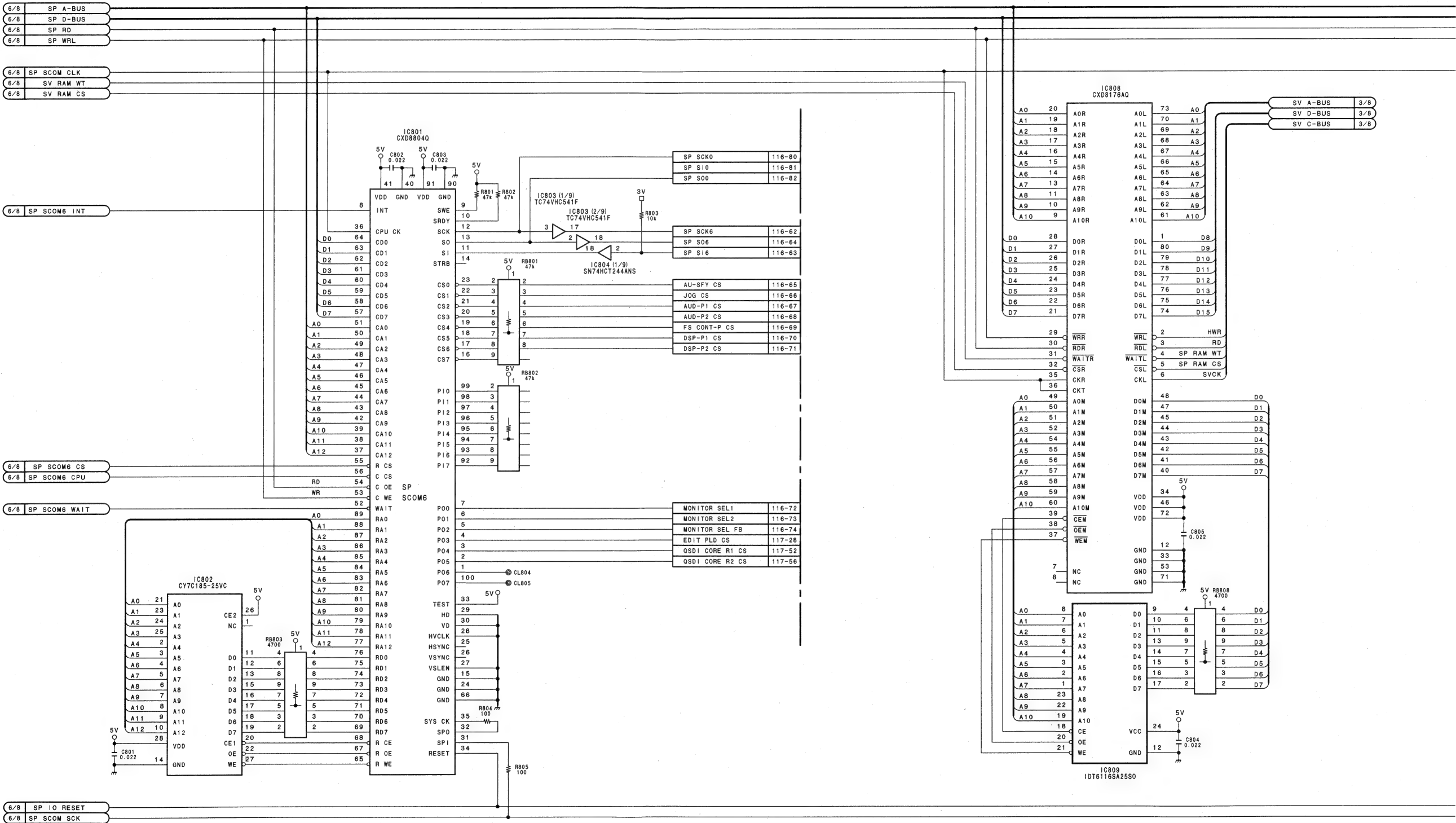




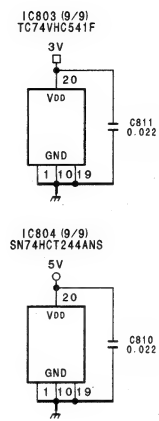
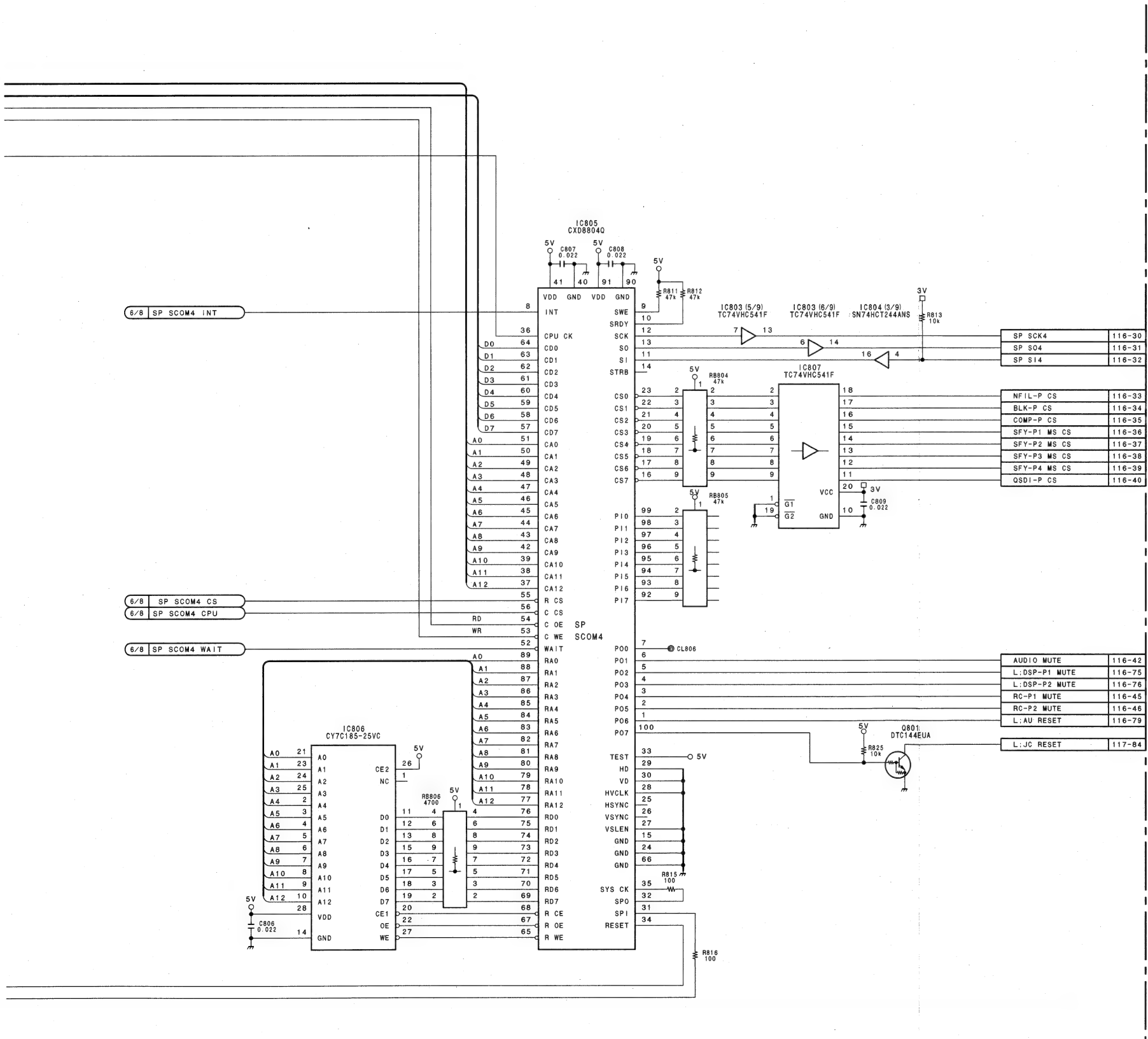




SY-220 (8/8) : SYSTEM CONTROL





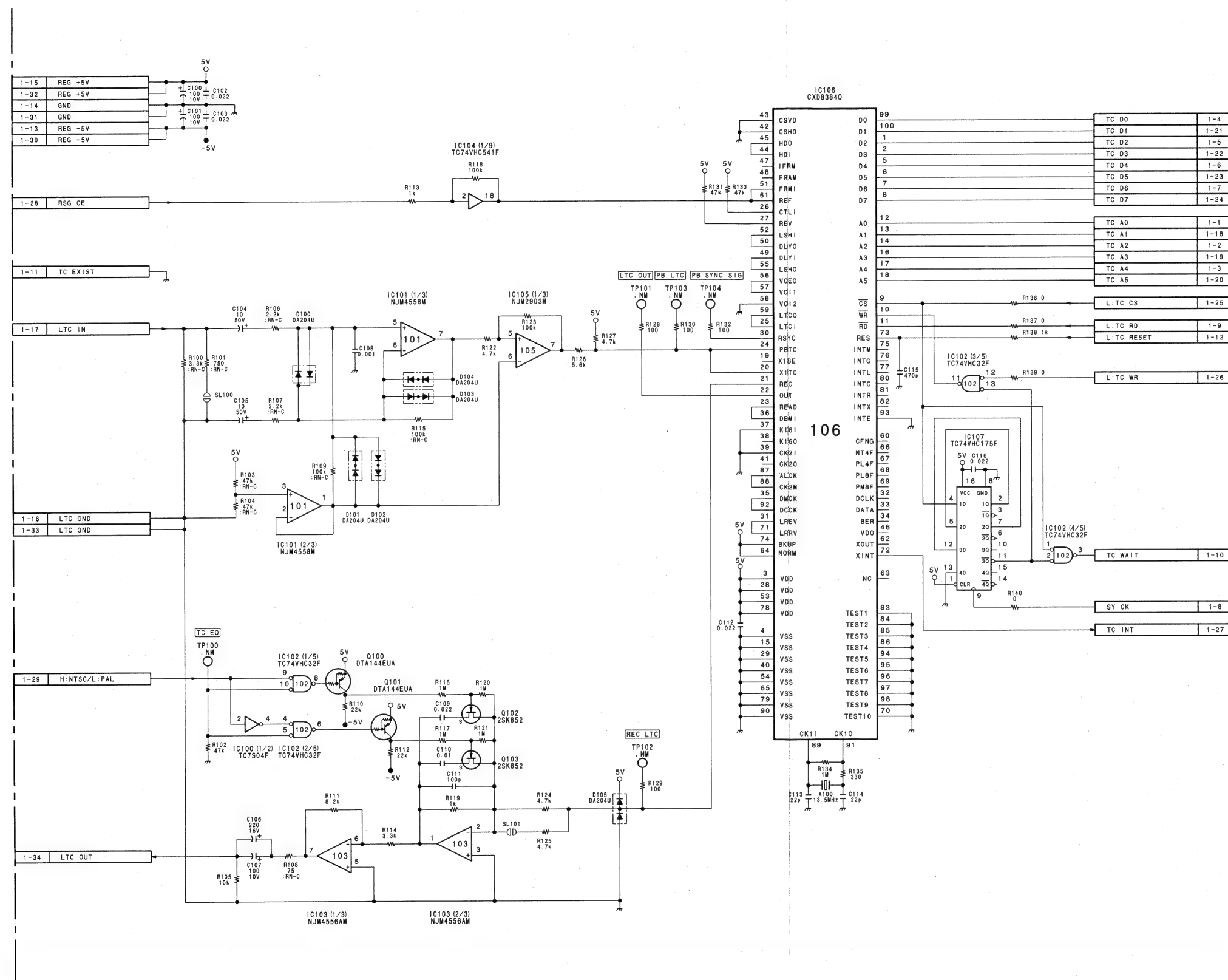








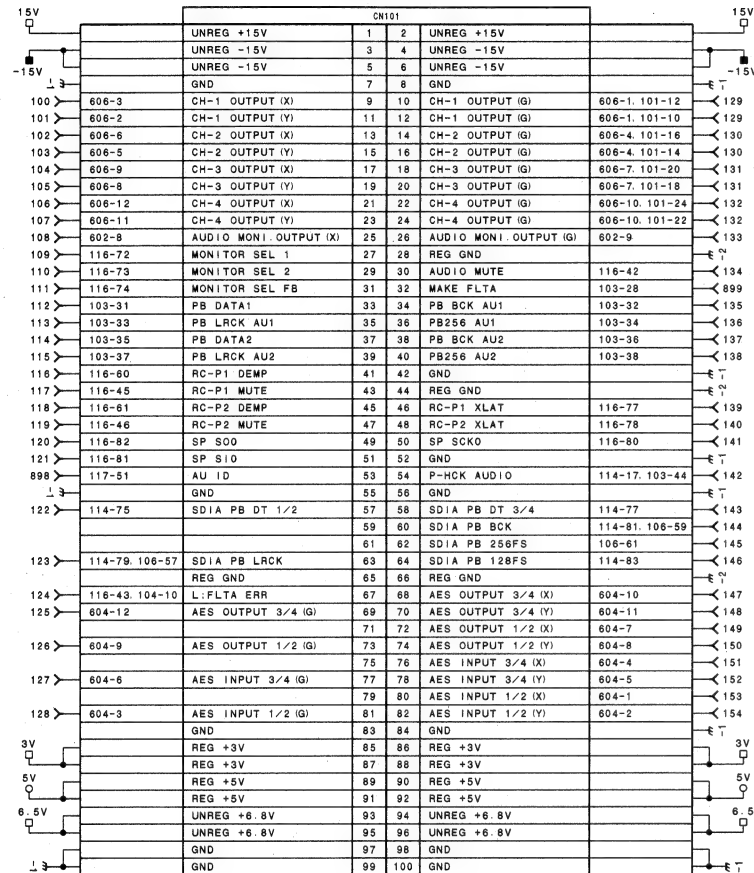
TC-90 : EXTERNAL TIME CODE IN/OUT



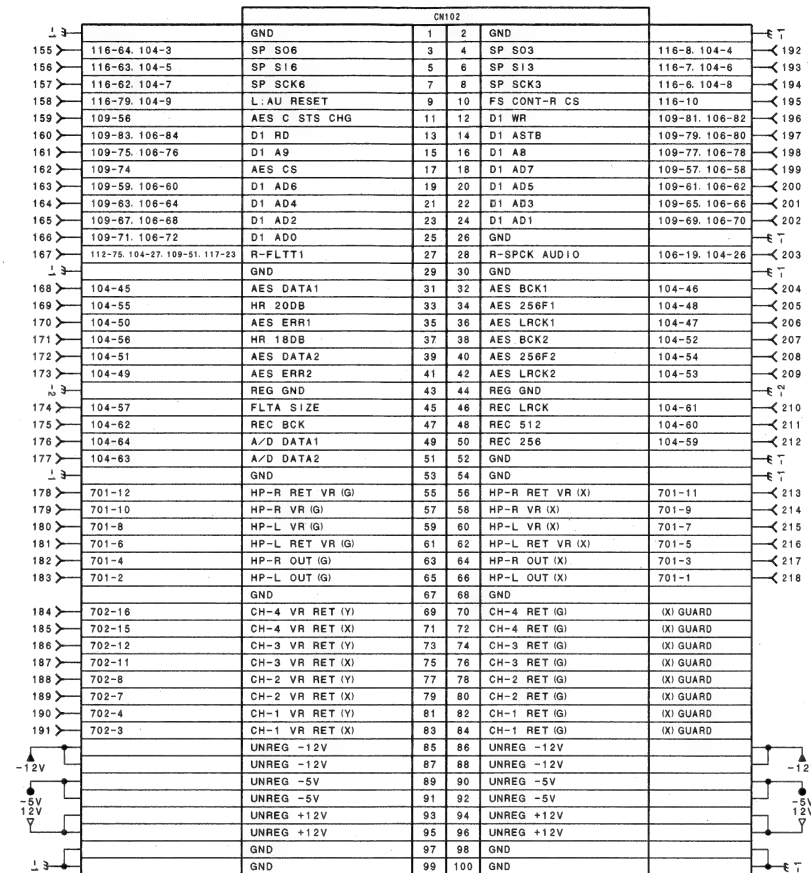


## MB-640 (1/13) : MOTHER BOARD

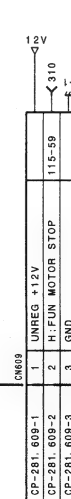
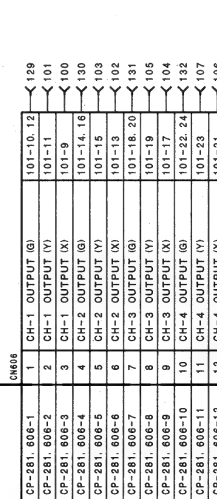
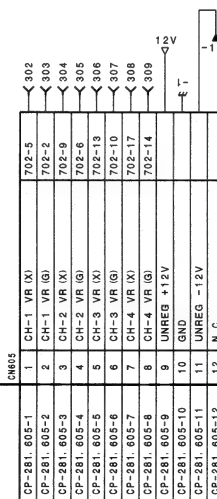
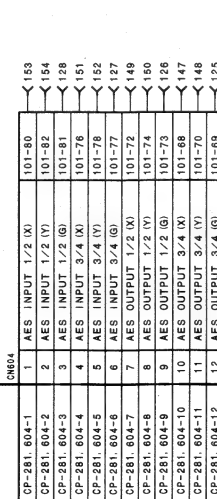
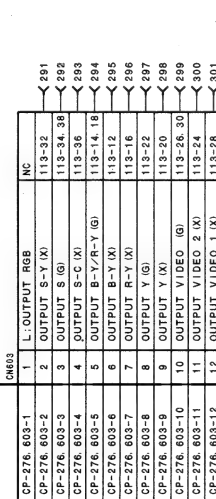
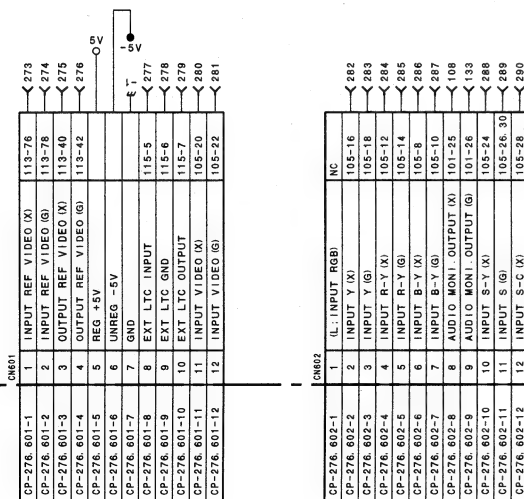
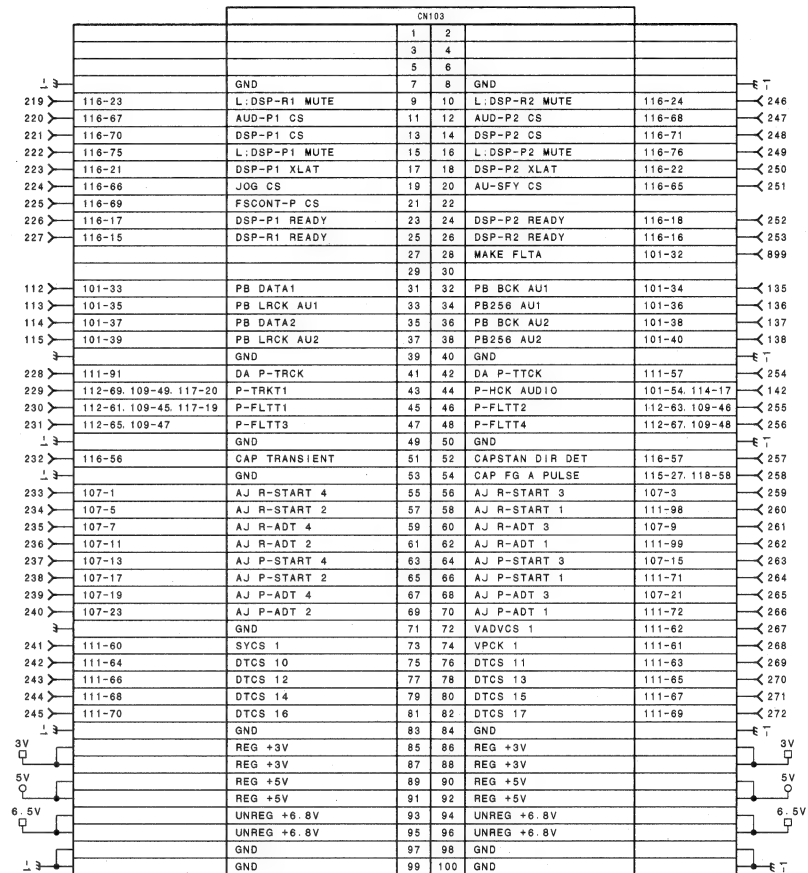
AU-238



AU-238

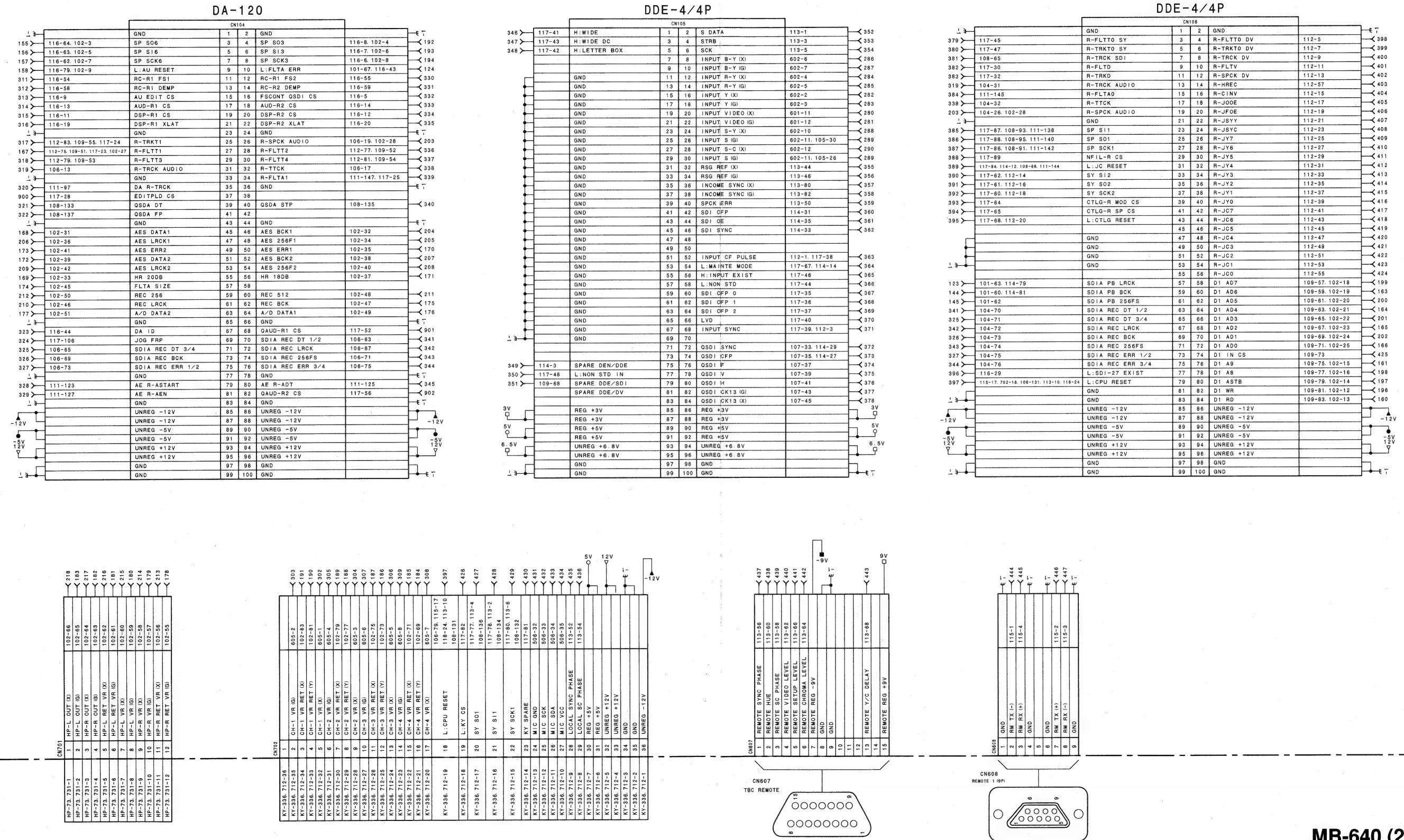


DA-120





## MB-640 (2/13) : MOTHER BOARD





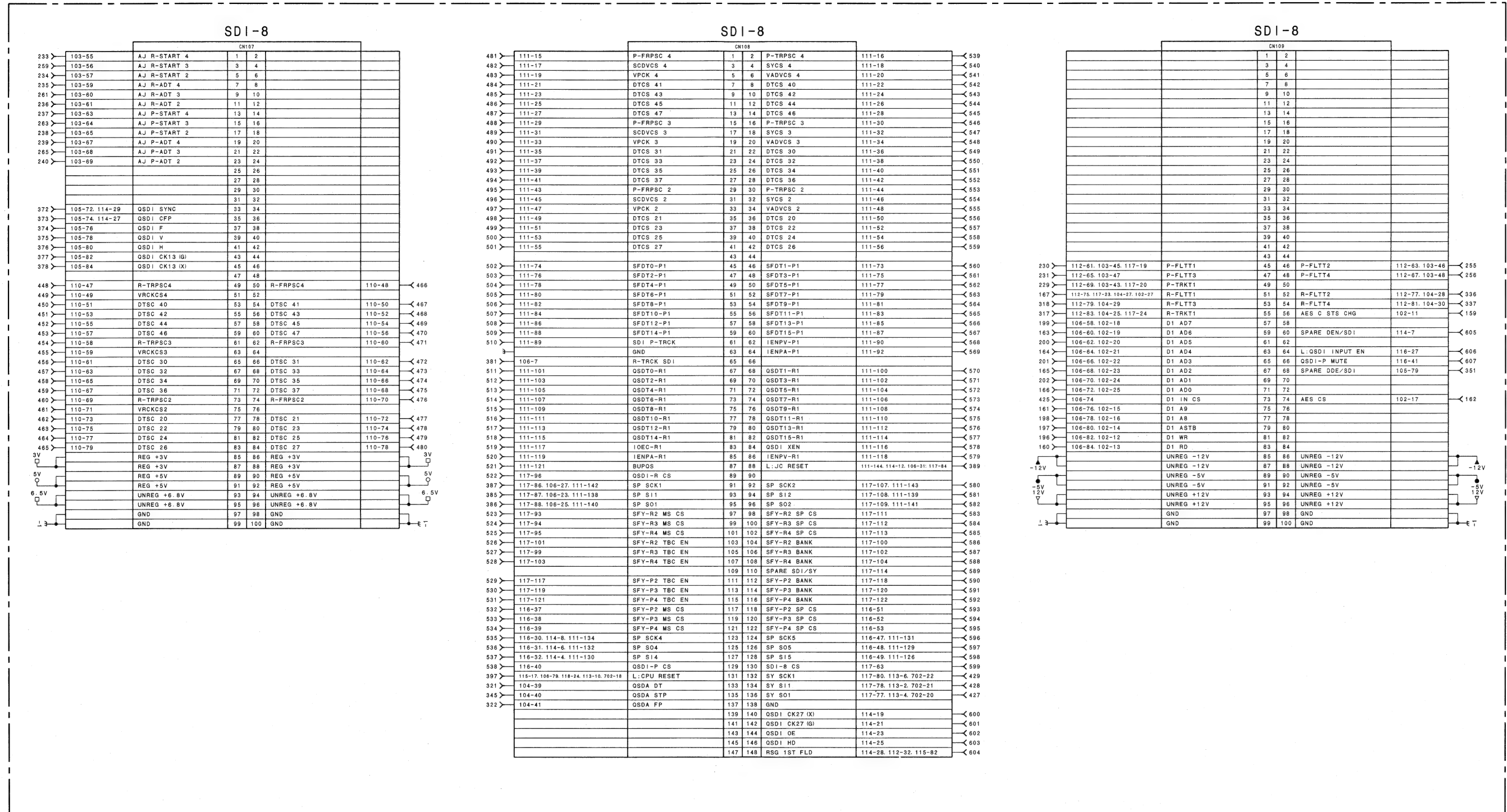
1

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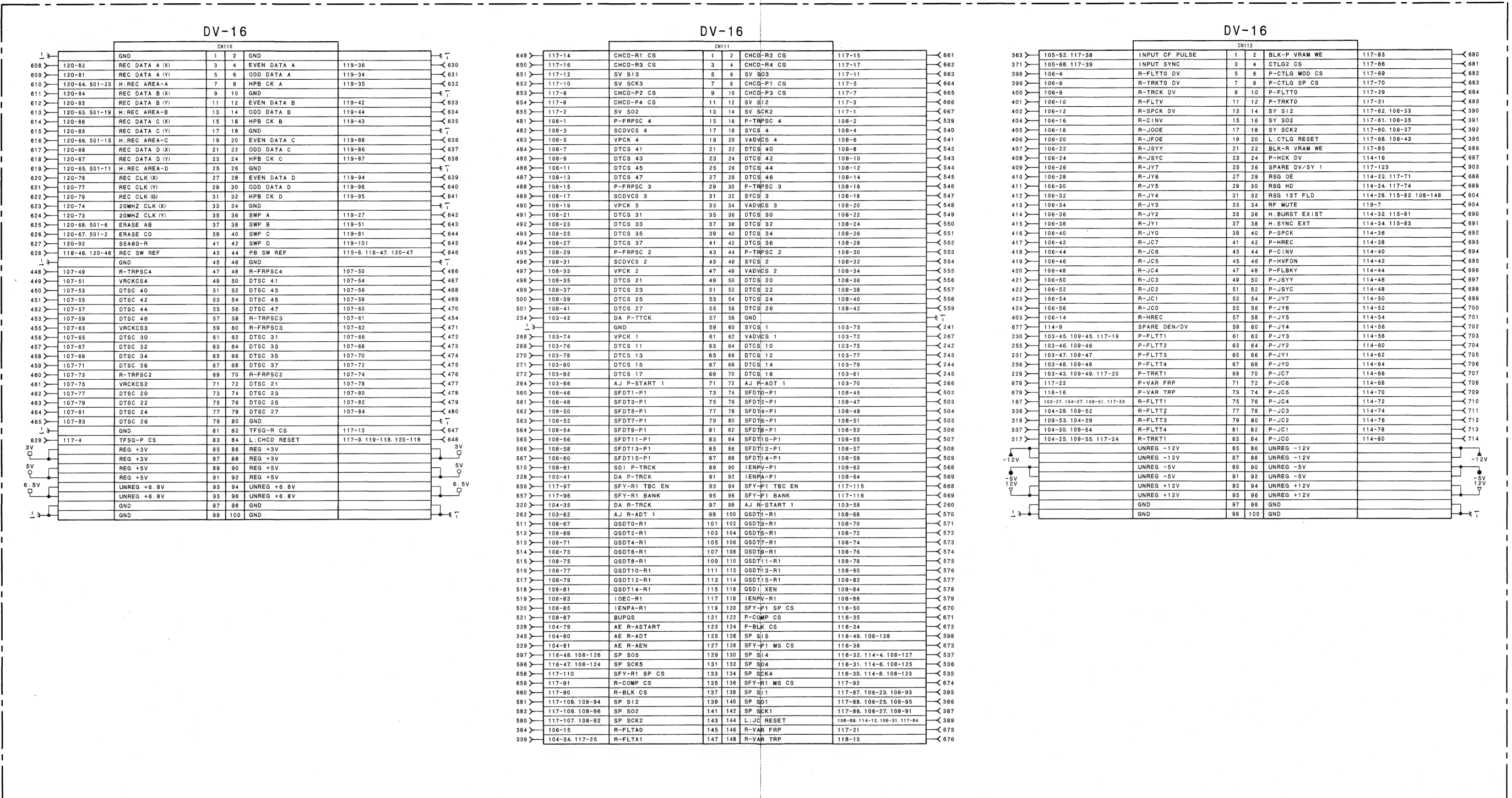
4

**5**





MB-640 (4/13) : MOTHER BOARD





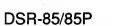
1

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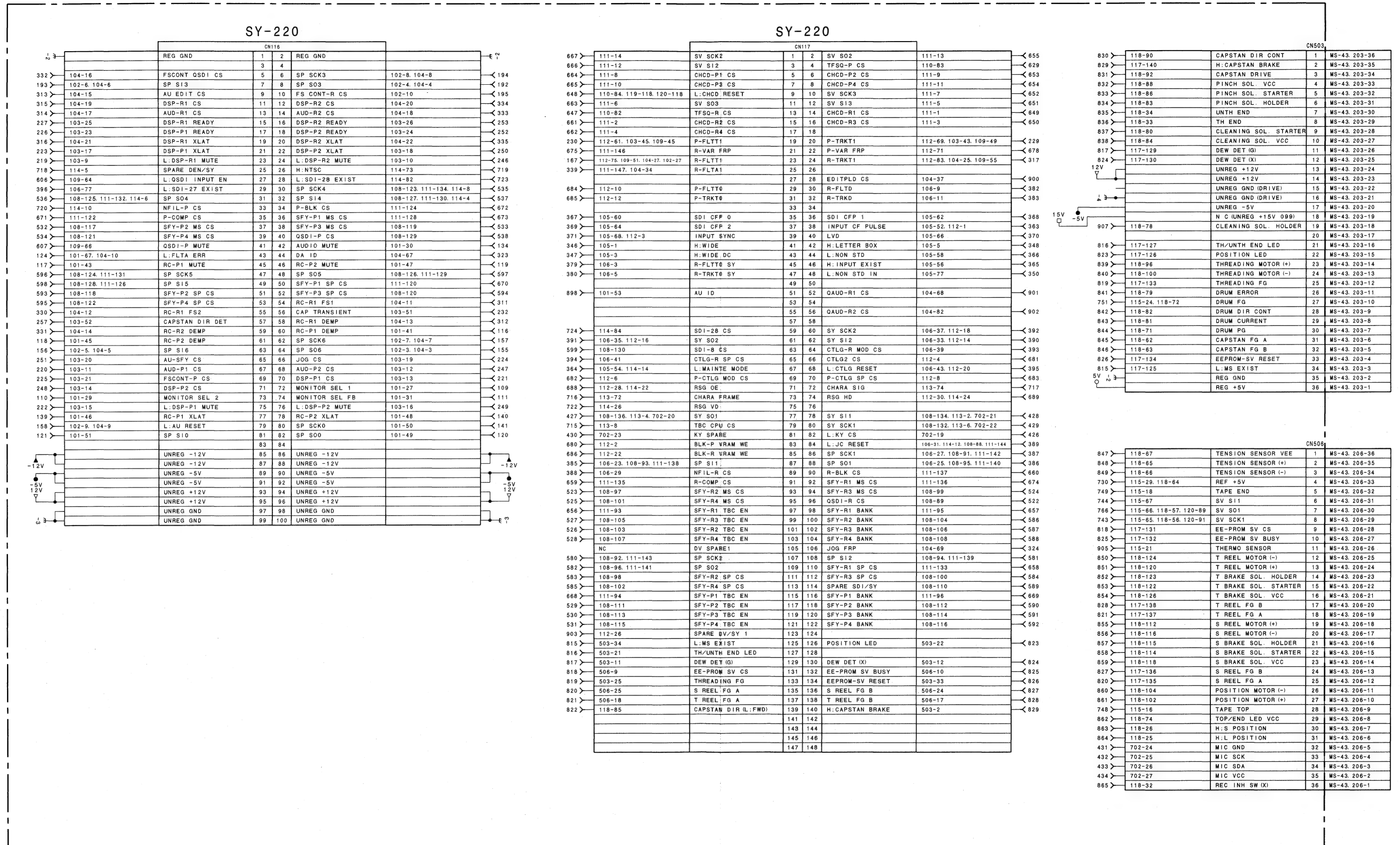
4

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## MB-640 (6/13) : MOTHER BOARD





MB-640 (7/13) : MOTHER BOARD

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SV-161

CN118			
785	118-3, 120-19/20/23, 501-19	REC-E1 PB RF (IG)	1 2 REC-E1 PB (X)
786	118-1, 120-19/20/23, 501-19	REC-E1 PB RF (IG)	3 4 REC-E2 PB (X)
867	119-10	REG GND (PB A RF)	5 6 PB A RF (X)
868	119-53	REG GND (PB B RF)	7 8 PB B RF (X)
869	119-67	REG GND (PB C RF)	9 10 PB C RF (X)
870	119-2, 120-2	EQ SCK	11 12 EQ S1
871	119-3, 120-3	EQ SO	13 14 SSA 30-R
872	111-148	R-VAR TRP	15 16 P-VAR TRP
873	119-119, 120-119	VIT SCK	17 18 VIT S1
874	119-117, 120-117	VIT SO	19 20 DRUM GATE
746	115-12	DRUM SCK	21 22 DRUM S1
745	115-10	DRUM SO	23 24 L.CPU RESET
864	506-31	H.L POSITION	25 26 H.S POSITION
807	505-2	CAS IN1	27 28 CAS IN2
809	505-4	COMP EXIST	29 30 CC DOWN 1
811	505-6	CC DOWN 2	31 32 REC INH SW (X)
836	503-8	TH END	33 34 UNTH END
812	505-7	CAS IN3	35 36 EEPROM-EQ BUSY
874	119-5, 120-5	EEPROM-EQ CS	37 38 EQ CS A
875	119-49	EQ CS B	39 40 EQ CS C
876	119-99	EQ CS D	41 42 EQ CS E
877	120-43	FN SEL	43 44 FN/2 SEL
878	120-45	ITI CENTER MODE	45 46 REC SW REF
846	115-8, 110-44, 120-47	PB SW REF	47 48 VIT CS A
879	119-50	VIT CS B	49 50 VIT CS C
880	119-102	VIT CS D	51 52 VIT CS E
747	115-14	DRUM BUSY	53 54 DRUM CS
731	115-31	ADJ D/A LD	55 56 SV SCK1
760	115-66, 506-7, 120-89	SV S01	57 58 CAP FG A PULSE
752	115-28	CAP FG B PULSE	59 60 PB D RF (X)
756	115-38	SPARE SV/SY	61 62 CAPSTAN FG A
840	503-32	CAPSTAN FG B	63 64 REF +SV
848	506-2	TENSION SENSOR (+)	65 66 TENSION SENSOR (-)
847	506-1	TENSION SENSOR VEE	67 68 TENSION CURRENT
729	115-23	TENSION ERROR DC	69 70 REF ISO
844	503-30	DRUM PG	71 72 DRUM FG
728	115-15	TOP/END LED PULSE	73 74 TOP/END LED VCC
75 76			
841	503-28	DRUM ERROR	77 78 CLEANING SOL. HOLDER
843	503-29	DRUM CURRENT	79 80 CLEANING SOL. STARTER
854	503-6	PINCH SOL. HOLDER	81 82 DRUM DIR CONT
822	117-139	CAPSTAN DIR (L.FWD)	83 84 CLEANING SOL. VCC
764	115-54	H.CAPSTAN STOP	85 86 PINCH SOL. STARTER
806	505-1	CC DOWN 3	87 88 PINCH SOL. VCC
732	115-33	CAPSTAN ERROR	89 90 CAPSTAN DIR CONT
734	115-34	CAPSTAN CURRENT	91 92 CAPSTAN DRIVE
735	115-37	H.TH/UNTH POWER ON	93 94 THREADING ERROR
736	115-41	THREADING CONT1	95 96 THREADING MOTOR (+)
738	115-43	THREADING CONT2	97 98 THREADING CURRENT
758	115-42	POSITION CONT1	99 100 THREADING MOTOR (-)
759	115-44	POSITION CONT2	101 102 POSITION MOTOR (+)
757	115-40	POSITION CURRENT	103 104 POSITION MOTOR (-)
760	115-46	CC UP/DOWN CONT1	105 106 CC UP/DOWN CURRENT
738	115-47	CC UP/DOWN CONT2	107 108 CC UP/DOWN MOTOR (+)
739	115-49	H.S REEL POWER ON	109 110 CC UP/DOWN MOTOR (-)
762	115-50	S REEL ERROR	111 112 S REEL MOTOR (+)
857	506-21	S BRAKE SOL. HOLDER	113 114 S BRAKE SOL. STARTER
761	115-48	S REEL CURRENT	115 116 S REEL MOTOR (-)
741	115-53	H.T REEL POWER ON	117 118 S BRAKE SOL. VCC
763	115-52	T REEL ERROR	119 120 T REEL MOTOR (+)
852	506-14	T BRAKE SOL. HOLDER	121 122 T BRAKE SOL. STARTER
740	115-51	T REEL CURRENT	123 124 T REEL MOTOR (-)
125 126			
127 128			
129 130			
131 132			
133 134			
135 136			
137 138			
139 140			
141 142			
143 144			
145 146			
147 148			

EQ-57

CN119			
889	118-36, 120-1	EEPROM-EQ BUSY	1 2 EQ SCK
871	118-13, 120-3	EQ SO	3 4 EQ S1
874	118-37, 120-5	EEPROM-EQ CS	5 6 N.C.
904	112-34	RF MUTE	7 8 H.INS
870	118-11, 120-2	UNREG GND	9 10 REG GND (PB A RF)
		UNREG GND	11 12 PB A RF (X)
886	118-12, 120-4	UNREG GND	13 14 E1-PB (Y)
		UNREG GND	15 16 E1-PB (X)
867	118-5	UNREG GND	17 18 E1-SP (Y)
		UNREG GND	19 20 E1-SP (X)
883	502-11	UNREG GND	21 22 UNREG GND
		UNREG GND	23 24 UNREG GND
879	120-34, 502-12	UNREG GND	25 26 PLL LOCK A
		UNREG GND	27 28 VIT CS A
804	502-23	UNREG GND	29 30 REG GND
		UNREG GND	31 32 REG GND
805	120-26, 502-24	UNREG GND	33 34 ODD DATA A
		UNREG GND	35 36 EVEN DATA A
894	118-48	UNREG GND	37 38 REG GND
		UNREG GND	39 40 REG GND
831	110-6	UNREG GND	41 42 EVEN DATA B
		UNREG GND	43 44 ODD DATA B
830	110-4	UNREG GND	45 46 REG GND
		UNREG GND	47 48 PLL LOCK B
833	110-12	UNREG GND	49 50 VIT CS B
		UNREG GND	51 52 UNREG GND
834	110-14	UNREG GND	53 54 PB B RF (X)
		UNREG GND	55 56 O1-PB (Y)
878	118-49	UNREG GND	57 58 O1-PB (X)
		UNREG GND	59 60 O1-SP (Y)
875	118-39	UNREG GND	61 62 O1-SP (X)
		UNREG GND	63 64 UNREG GND
843	110-38	UNREG GND	65 66 UNREG GND
		UNREG GND	67 68 PB C RF (X)
869	118-7	UNREG GND	69 70 E2-PB (Y)
		UNREG GND	71 72 E2-PB (X)
879	502-2	UNREG GND	73 74 E2-SP (Y)
		UNREG GND	75 76 E2-SP (X)
878	120-40, 502-3	UNREG GND	77 78 UNREG GND
		UNREG GND	79 80 PLL LOCK C
879	502-14	UNREG GND	81 82 VIT CS C
		UNREG GND	83 84 REG GND
899	120-32, 502-15	UNREG GND	85 86 ODD DATA C
		UNREG GND	87 88 EVEN DATA C
865	118-10	UNREG GND	89 90 REG GND
		UNREG GND	91 92 REG GND
870	502-9	UNREG GND	93 94 EVEN DATA D
		UNREG GND	95 96 ODD DATA D
874	120-36, 502-9	UNREG GND	97 98 REG GND
		UNREG GND	99 100 PLL LOCK D
803	502-20	UNREG GND	101 102 VIT CS D
		UNREG GND	103 104 UNREG GND
803	120-28, 502-21	UNREG GND	105 106 PB D RF (X)
		UNREG GND	107 108 O2-PB (Y)
895	118-50	UNREG GND	109 110 O2-PB (X)
		UNREG GND	111 112 O2-SP (Y)
895	110-22	UNREG GND	113 114 O2-SP (X)
		UNREG GND	115 116 UNREG GND
837	110-20	UNREG GND	117 118 L.CHCD RESET
		UNREG GND	119 120 VIT S1
841	118-41	UNREG GND	121 122 REG GND
		UNREG GND	123 124 REG GND
845	110-42	UNREG GND	125 126 REG GND
		UNREG GND	127 128 REG +5V
876	118-19, 120-117	UNREG GND	129 130 REG +5V
		UNREG GND	131 132 UNREG +6.8V
872	118-17, 120-119	UNREG GND	133 134 UNREG +6.8V
		UNREG GND	135 136 UNREG +12V
721	114-18, 120-121	UNREG GND	137 138 UNREG +12V
		UNREG GND	139 140 REG GND
854	118-18, 120-120	UNREG GND	141 142 REG GND
		UNREG GND	143 144 REG GND
854	118-18, 120-120	UNREG GND	145 146 UNREG GND
		UNREG GND	147 148 UNREG GND

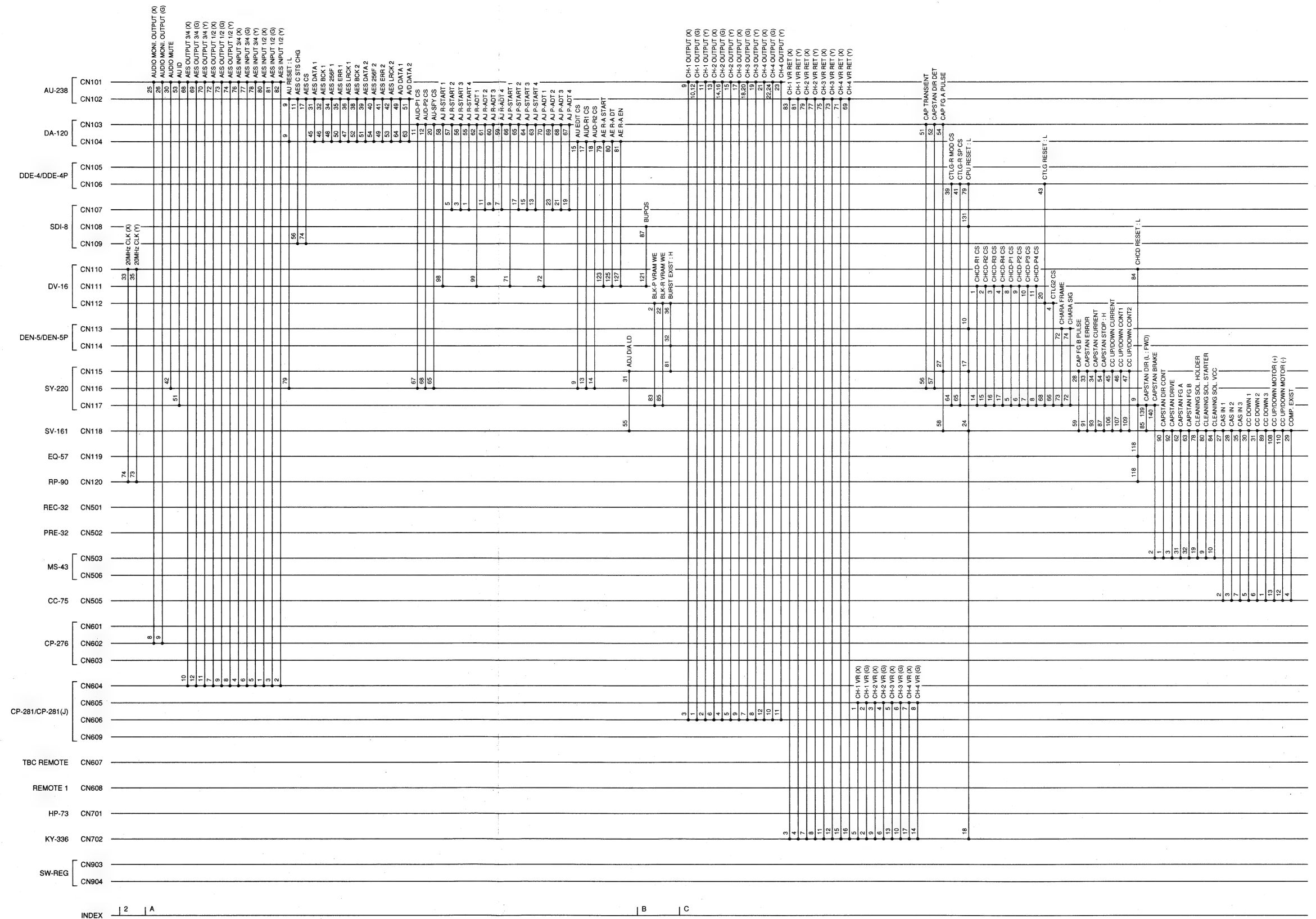
RP-90

CN122			
889	119-1, 118-36	EEPROM-EQ BUSY	1 2 EQ SCK
871	119-3, 118-13	EQ SO	3 4 EQ SI
874	119-5, 118-37	EEPROM-EQ CS	5 6
882	118-4	REG GND	7 8 REG GND
		REG GND	9 10 REG GND
881	118-2	REC-E1 PB (X)	11 12 REC-E1 PB (X)
		SSA 30-R	13 14 SSA 30-R
887	118-14	REG GND	15 16 REG GND
		REG GND	17 18 REC-E1 PB RF (X)
786	501-30	REC-E1 PB RF (Y)	19 20 REC-E1 PB RF (X)
		REC-E1 PB RF (IG)	21 22 REC-E1 PB RF (IG)
785	118-1/3, 501-29, 120-20/23	REC-E1 PB RF (IG)	23 24 REC-E2 PB RF (X)
		REC GND	25 26 E1-SP (X)
785	118-1/3, 501-29, 120-19/20	REC-E1 PB RF (IG)	27 28 E2-SP (X)
		REC GND	29 30 O2-SP (X)
801	119-16, 502-15	REG GND	31 32 O1-SP (X)
		REG GND	33 34 E1-PB (X)
799	119-62, 502-12	REG GND	35 36 E2-PB (X)
		REG GND	37 38 O2-PB (X)
794	119-72, 502-9	REG GND	39 40 O1-PB (X)
		REG GND	41 42 EQ CS E
892	118-42	FN SEL	43 44 FN/2 SEL
		ITI CENTER MODE	45 46 REC SW REF
877	118-43	FN SEL	47 48
		ITI CENTER MODE	49 50
878	118-45	ITI CENTER MODE	51 52 VIT CS E
		REC SW REF	53 54
846	118-47, 110-44, 115-8	PB SW REF	55 56
			57 58
896	118-52		59 60
			61 62 H.INS
906	115-80, 118-8	H.REC AREA-B	63 64 H.REC AREA-A
		H.REC AREA-D	65 66 H.REC AREA-C
810	110-19, 501-15	ERASE CD	67 68 ERASE AB
			69 70
816	110-37, 501-6		71 72
			73 74
825	110-33	20MHZ CLK (Y)	75 76 REG GND
		REG GND	77 78 REC CLK (X)
823	110-27	REC CLK (Y)	79 80 REG GND
		REC CLK (X)	81 82 REC DATA A (X)
820	110-9	REC DATA A (Y)	83 84 REC DATA B (X)
		REC DATA B (Y)	85 86 REC DATA C (X)
808	110-15	REC DATA C (Y)	87 88 REC DATA D (X)
		REC DATA D (Y)	89 90 PLL LOCK REC A
811	110-21	SV S01	91 92 SSA60-R
		SV SCK1	93 94
814	501-22	REC CUR D/A LD	95 96 REC-E1 CUR
		GND	97 98 REC-E1 (X)
817	501-16	REC-E1 (Y)	99 100 REC-O1 CUR
		GND	101 102 REC-O1 (X)
827	501-20	REC-O1 (Y)	103 104 REC-E2 CUR
		GND	105 106 REC-E2 (X)
827	501-12	REC-E2 (Y)	107 108 REC-O2 CUR
		GND	109 110 REC-O2 (X)
827	501-3	REC-O2 (Y)	111 112 GND
		GND	113 114 ERASE-A (X)
768	501-1	ERASE-B (X)	115 116 ERASE-A CUR
		ERASE-B CUR	117 118 L.CHCD RESET
873	119-117, 118-19	VIT SO	119 120 VIT S1
		VIT SCK	121 122 L.ERASE
872	119-119, 118-17	VIT SCK	123 124 H.X1
		P-HCK EQ	125 126 TPE
721	114-18, 119-121	L.ERASE ON	127 128 REG +5V
			129 130 REG +5V
765	115-64	REG +10V	131 132 UNREG +6.8V
		REG +3V	133 134 UNREG +6.8V
854	118-18, 120-120	REG +3V	135 136 UNREG +12V
		UNREG -5V	137 138 UNREG +12V
854	118-18, 120-120	UNREG -5V	139 140 REG GND
		UNREG -12V	141 142 REG GND
8		REG GND	143 144 REG GND
		REG GND	145 146 UNREG GND
8		UNREG GND	147 148 UNREG GND
		UNREG GND	



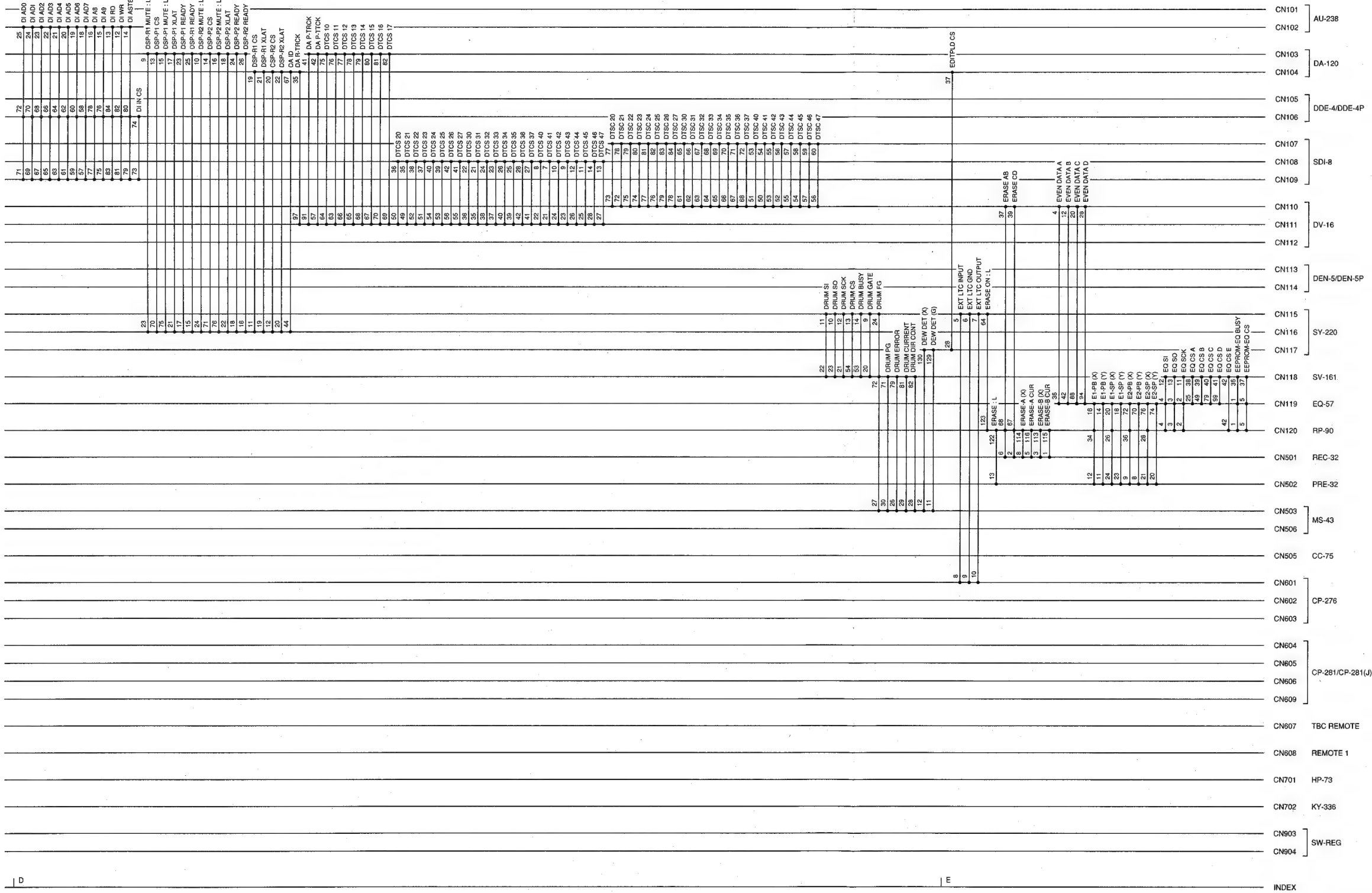






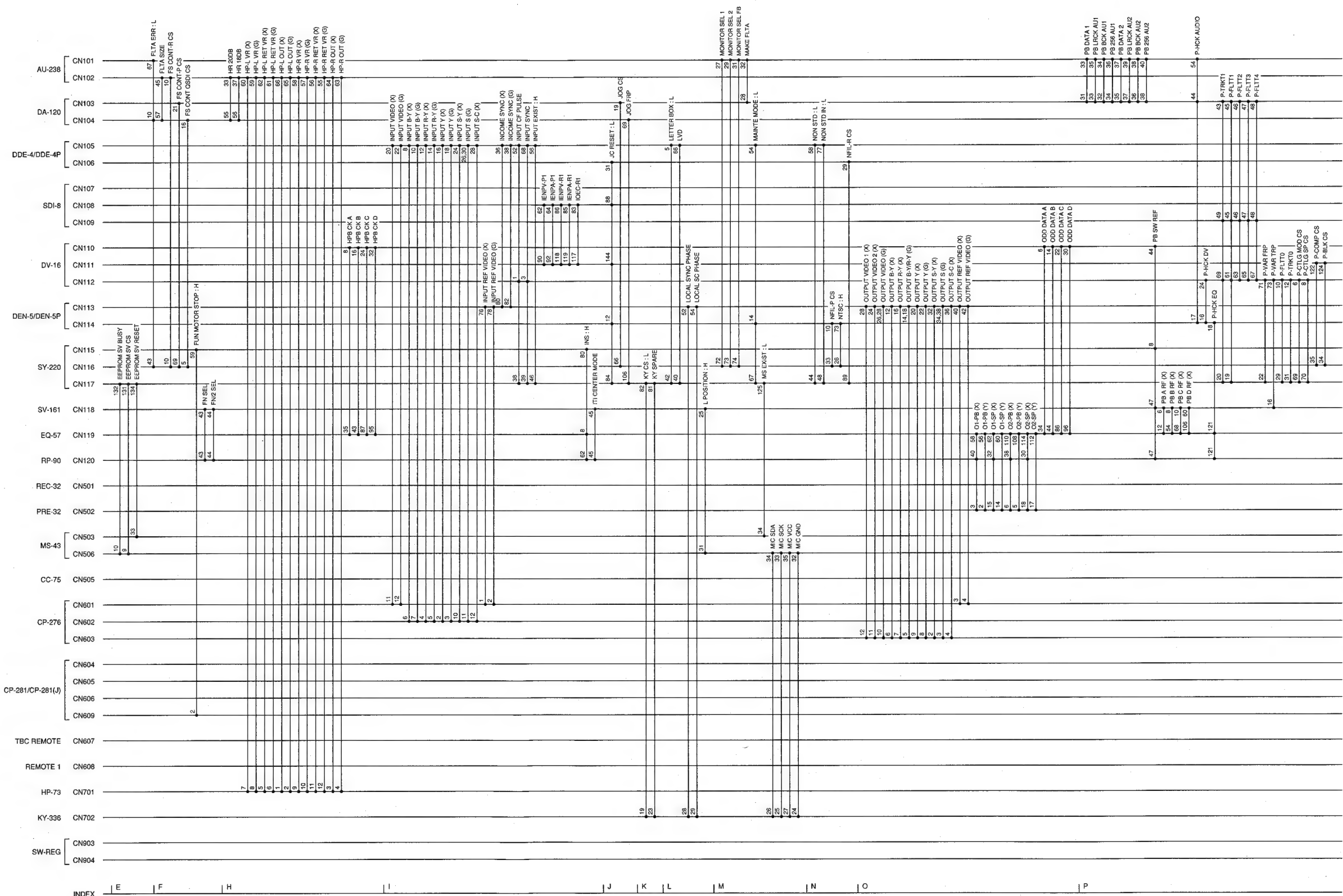


MB-640 (9/13) : MOTHER BOARD





MB-640 (10/13) : MOTHER BOARD

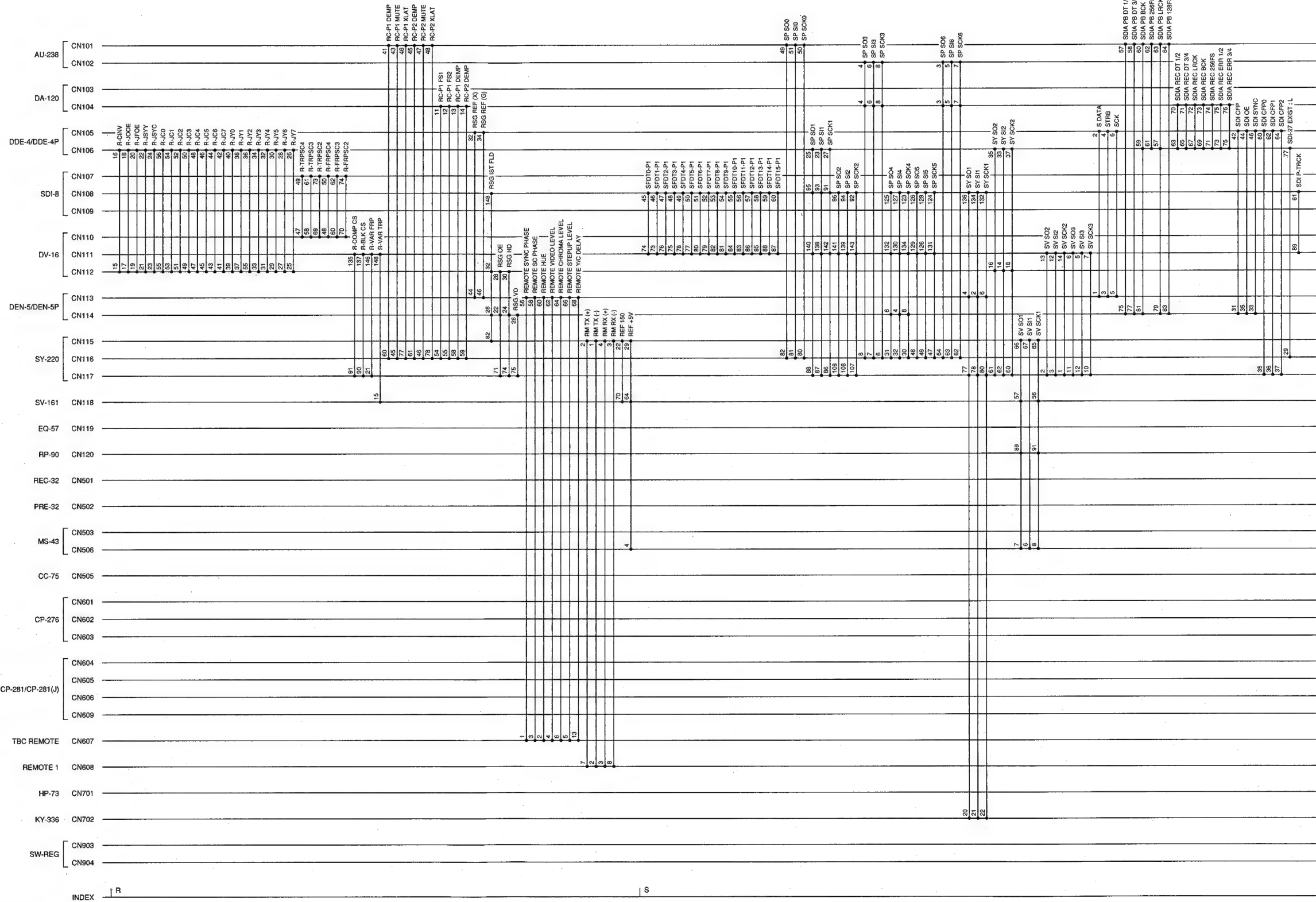








MB-640 (12/13) : MOTHER BOARD









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PRE-32											
CN101						CN103					
1	SP-E1 (X)					REG +5V	28				
2	SP-E1 (Y)					01-PB (Y)	25				
3	SP-E1 (G)					01-PB (X)	24				
4	SP-E2 (X)					REG GND	23				
5	SP-E2 (Y)					02-PB (Y)	22				
6	SP-E2 (G)					02-PB (X)	21				
7	SP-O2 (X)					REG GND	20				
8	SP-O2 (Y)					E2-PB (Y)	19				
9	SP-O2 (G)					E2-PB (X)	18				
10	SP-O1 (X)					REG GND	17				
11	SP-O1 (Y)					E1-PB (Y)	16				
						E1-PB (X)	15				
						L:ERASE	14				
						01-SP (Y)	13				
						01-SP (X)	12				
						H:X1	11				
						02-SP (Y)	10				
						02-SP (X)	9				
						TPE	8				
						E2-SP (Y)	7				
						E2-SP (X)	6				
						REG GND	5				
						E1-SP (Y)	4				
						E1-SP (X)	3				
						UNREG -12V	1				
CN201											
1	PB-E1 (X)										
2	PB-E1 (Y)										
3	PB-E1 (G)										
4	PB-E2 (X)										
5	PB-E2 (Y)										
6	PB-E2 (G)										
7	PB-O2 (X)										
8	PB-O2 (Y)										
9	PB-O2 (G)										
10	PB-O1 (X)										
11	PB-O1 (Y)										

REC-32											
CN102						CN501					
ERASE-B CUR	34					1	ERASE-B CUR				
ERASE-B (X)	33					2	ERASE-B (X)				
ERASE-B (Y)	32					3	ERASE-B (Y)				
UNREG -12V	31					4	UNREG -12V				
ERASE-A CUR	30					5	ERASE-A CUR				
ERASE AB	29					6	ERASE AB				
GND	28					7	GND				
ERASE-A (X)	27					8	ERASE-A (X)				
UNREG -5V	26					9	UNREG -5V				
REC-20 CUR	25					10	REC-20 CUR				
H:REC AREA-D	24					11	H:REC AREA-D				
REC-20 (Y)	23					12	REC-20 (Y)				
REC-20 (X)	22					13	REC-20 (X)				
REC-10 CUR	21					14	REC-10 CUR				
H:REC AREA-C	20					15	H:REC AREA-C				
REC-10 (Y)	19					16	REC-10 (Y)				
REC-10 (X)	18					17	REC-10 (X)				
REC-2E CUR	17					18	REC-2E CUR				
H:REC AREA-B	16					19	H:REC AREA-B				
REC-2E (Y)	15					20	REC-2E (Y)				
REC-2E (X)	14					21	REC-2E (X)				
REC-1E CUR	13					22	REC-1E CUR				
H:REC AREA-A	12					23	H:REC AREA-A				
REC-1E (Y)	11					24	REC-1E (Y)				
REC-1E (X)	10					25	REC-1E (X)				
H:X1	9					26	H:X1				
REC-E2 PB RF (Y)	8					27	REC-E2 PB RF (Y)				
REC-E2 PB RF (X)	7					28	REC-E2 PB RF (X)				
REC-E1 PB RF (G)	6					29	REC-E1 PB RF (G)				
REC-E1 PB RF (Y)	5					30	REC-E1 PB RF (Y)				
REC-E1 PB RF (X)	4					31	REC-E1 PB RF (X)				
REG +5V	3					32	REG +5V				
TPE	2					33	TPE				
REG +10V	1					34	REG +10V				
CN101											
1	GND										
2	REC-E1 (X)										
3	REC-E1 (Y)										
4	FE-1 (Y)										
5	REC-E2 (X)										
6	REC-E2 (Y)										
7	FE-2 (X)										
8	FE-2 (Y)										
9	GND										
10	REC-O2 (X)										
11	FE-1 (X)										
12	REC-O2 (Y)										
13	REC-O1 (Y)										
14	REC-O1 (X)										
15	GND										

CN502					CN120				
1	REG +5V				EEPROM-EQ BUSY	1			
2	O1-PB (Y)				EQ SCK	2			
3	O1-PB (X)				EQ SO	3			
4	REG GND				EQ SI	4			
5	O2-PB (Y)				EEPROM-EQ CS	5			
6	O2-PB (X)					6			
7	REG GND				REG GND	7			
8	E2-PB (Y)				REG GND	8			
9	E2-PB (X)				REG GND	9			
10	REG GND				REG GND	10			
11	E1-PB (Y)				REC-E2 (X)	11			
12	E1-PB (X)				REC-E1 (X)	12			
13	L:ERASE					13			
14	O1-SP (Y)				SSA 30-R	14			
15	O1-SP (X)				REG GND	15			
16	H:X1				REG GND	16			
17	O2-SP (Y)				REC-E1 PB RF (Y)	17			
18	O2-SP (X)				REC-E1 PB RF (X)	18			
19	TPE				REC-E1 PB RF (G)	19			
20	E2-SP (Y)				REC-E1 PB RF (G)	20			
21	E2-SP (X)				REG GND	21			
22	REG GND				REG GND	22			
23	E1-SP (Y)				REC-E1 PB RF (G)	23			
24	E1-SP (X)				REC-E2 PB RF (X)	24			
25					REG GND	25			
26	UNREG -12V				E1-SP (X)	26			
					REG GND	27			
					E2-SP (X)	28			
					REG GND	29			
					O2-SP (X)	30			
					REG GND	31			
					O1-SP (X)	32			
					REG GND	33			
					E1-PB (X)	34			
					REG GND	35			
					E2-PB (X)	36			
					REG GND	37			
					O2-PB (X)	38			
					REG GND	39			
					O1-PB (X)	40			
						41			
CN501	ERASE-B CUR				EQ CS E	42			
2	ERASE-C				FN SEL	43			
3	ERASE-B (X)				FN/2 SEL	44			
4	UNREG -12V				ITI CENTER MODE	45			
5	ERASE-A CUR				REC SW REF	46			
6	ERASE AB				PB SW REF	47			
7	GND					48			
8	ERASE-A (X)					49			
9	UNREG -5V					50			
10	REC-30 CUR					51			
11	H:REC AREA-D				VIT CS E	52			
12	REC-20 (Y)					53			
13	REC-20 (X)					54			
14	REC-10 CUR					55			
15	H:REC AREA-C					56			
16	REC-10 (Y)					57			
17	REC-10 (X)					58			
18	REC-2E CUR					59			
19	H:REC AREA-B					60			
20	REC-2E (Y)					61			
21	REC-2E (X)					62			
22	REC-1E CUR				H:INS	63			
23	H:REC AREA-A				H:REC AREA-B	64			
24	REC-1E (Y)				H:REC AREA-A	65			
25	REC-1E (X)				H:REC AREA-D	66			
26	H:X1				H:REC AREA-C	67			
27	REC-E2 PB RF (Y)				ERASE CD	68			
28	REC-E2 PB RF (X)				ERASE AB	69			
29	REC-E1 PB RF (G)					70			
30	REC-E1 PB RF (Y)					71			
31	REC-E1 PB RF (X)					72			
32	REG +5V					73			
33	TPE				20MHz CLK (Y)	74			
34	REG +10V				20MHz CLK (X)	75			



MB-640

EQ-57										SV-161														
CN119					CN119					CN118					CN118					CN119				
EEPROM-EQ BUSY	1	1	EEPROM-EQ BUSY	75	75	REG GND	75	75	REG GND	REC-E1 PB RF (G)	1	1	REC-E1 PB RF (G)	75	75	REG GND	75	75	REG GND					
EQ SCK	2	2	EQ SCK	76	76	E2-SP (X)	76	76	E2-SP (X)	REC-E1 PB (X)	2	2	REC-E1 PB (X)	76	76	REG GND	76	76	REG GND					
EQ SO	3	3	EQ SO	77	77	REG GND	77	77	REG GND	REC-E1 PB RF (G)	3	3	REC-E1 PB RF (G)	77	77	REG GND	77	77	REG GND					
EQ SI	4	4	EQ SI	78	78	UNREG GND	78	78	UNREG GND	REC-E2 PB (X)	4	4	REC-E2 PB (X)	78	78	UNREG GND	78	78	UNREG GND					
EEPROM-EQ CS	5	5	EEPROM-EQ CS	79	79	EQ CS C	79	79	EQ CS C	REG GND (PB A RF)	5	5	REG GND (PB A RF)	79	79	EQ CS C	79	79	EQ CS C					
N.C.	6	6	N.C.	80	80	PLL LOCK C	80	80	PLL LOCK C	PB A RF (X)	6	6	PB A RF (X)	80	80	PLL LOCK C	80	80	PLL LOCK C					
RF MUTE	7	7	RF MUTE	81	81	SWP C	81	81	SWP C	REG GND (PB B RF)	7	7	REG GND (PB B RF)	81	81	SWP C	81	81	SWP C					
H-INS	8	8	H-INS	82	82	VIT CS C	82	82	VIT CS C	PB B RF (X)	8	8	PB B RF (X)	82	82	VIT CS C	82	82	VIT CS C					
UNREG GND	9	9	UNREG GND	83	83	REG GND	83	83	REG GND	REG GND (PB C RF)	9	9	REG GND (PB C RF)	83	83	REG GND	83	83	REG GND					
REG GND (PB A RF)	10	10	REG GND (PB A RF)	84	84	REG GND	84	84	REG GND	PB C RF (X)	10	10	PB C RF (X)	84	84	REG GND	84	84	REG GND					
	11	11		85	85	REG GND	85	85	REG GND	EQ SCK	11	11	EQ SCK	85	85	REG GND	85	85	REG GND					
PB A RF (X)	12	12	PB A RF (X)	86	86	ODD DATA C	86	86	ODD DATA C	EQ SI	12	12	EQ SI	86	86	ODD DATA C	86	86	ODD DATA C					
UNREG GND	13	13	UNREG GND	87	87	HPB CK C	87	87	HPB CK C	EQ SO	13	13	EQ SO	87	87	HPB CK C	87	87	HPB CK C					
E1-PB (Y)	14	14	E1-PB (Y)	88	88	EVEN DATA C	88	88	EVEN DATA C	SSA 30-R	14	14	SSA 30-R	88	88	EVEN DATA C	88	88	EVEN DATA C					
UNREG GND	15	15	UNREG GND	89	89	REG GND	89	89	REG GND	R-VAR TRP	15	15	R-VAR TRP	89	89	REG GND	89	89	REG GND					
E1-PB (X)	16	16	E1-PB (X)	90	90	REG GND	90	90	REG GND	P-VAR TRP	16	16	P-VAR TRP	90	90	REG GND	90	90	REG GND					
UNREG GND	17	17	UNREG GND	91	91	REG GND	91	91	REG GND	VIT SCK	17	17	VIT SCK	91	91	REG GND	91	91	REG GND					
E1-SP (Y)	18	18	E1-SP (Y)	92	92	REG GND	92	92	REG GND	VIT SI	18	18	VIT SI	92	92	REG GND	92	92	REG GND					
UNREG GND	19	19	UNREG GND	93	93	REG GND	93	93	REG GND	VIT SO	19	19	VIT SO	93	93	REG GND	93	93	REG GND					
E1-SP (X)	20	20	E1-SP (X)	94	94	EVEN DATA D	94	94	EVEN DATA D	DRUM GATE	20	20	DRUM GATE	94	94	EVEN DATA D	94	94	EVEN DATA D					
UNREG GND	21	21	UNREG GND	95	95	HPB CK D	95	95	HPB CK D	DRUM SCK	21	21	DRUM SCK	95	95	HPB CK D	95	95	HPB CK D					
UNREG GND	22	22	UNREG GND	96	96	ODD DATA D	96	96	ODD DATA D	DRUM SI	22	22	DRUM SI	96	96	ODD DATA D	96	96	ODD DATA D					
UNREG GND	23	23	UNREG GND	97	97	REG GND	97	97	REG GND	DRUM SO	23	23	DRUM SO	97	97	REG GND	97	97	REG GND					
UNREG GND	24	24	UNREG GND	98	98	REG GND	98	98	REG GND	L-CPU RESET	24	24	L-CPU RESET	98	98	REG GND	98	98	REG GND					
EQ C SA	25	25	EQ C SA	99	99	EQ CS D	99	99	EQ CS D	H-L POSITION	25	25	H-L POSITION	99	99	EQ CS D	99	99	EQ CS D					
PLL LOCK A	26	26	PLL LOCK A	100	100	PLL LOCK D	100	100	PLL LOCK D	H-S POSITION	26	26	H-S POSITION	100	100	PLL LOCK D	100	100	PLL LOCK D					
SWP A	27	27	SWP A	101	101	SWP D	101	101	SWP D	CAS IN1	27	27	CAS IN1	101	101	SWP D	101	101	SWP D					
VIT CS A	28	28	VIT CS A	102	102	VIT CS D	102	102	VIT CS D	CAS IN2	28	28	CAS IN2	102	102	VIT CS D	102	102	VIT CS D					
REG GND	29	29	REG GND	103	103	UNREG GND	103	103	UNREG GND	COMP. EXIST	29	29	COMP. EXIST	103	103	UNREG GND	103	103	UNREG GND					
REG GND	30	30	REG GND	104	104	UNREG GND	104	104	UNREG GND	CC DOWN1	30	30	CC DOWN1	104	104	UNREG GND	104	104	UNREG GND					
REG GND	31	31	REG GND	105	105	UNREG GND	105	105	UNREG GND	CC DOWN2	31	31	CC DOWN2	105	105	UNREG GND	105	105	UNREG GND					
REG GND	32	32	REG GND	106	106	PB D RF (X)	106	106	PB D RF (X)	REC INH SW (X)	32	32	REC INH SW (X)	106	106	PB D RF (X)	106	106	PB D RF (X)					
REG GND	33	33	REG GND	107	107	UNREG GND	107	107	UNREG GND	TH END	33	33	TH END	107	107	UNREG GND	107	107	UNREG GND					
ODD DATA A	34	34	ODD DATA A	108	108	O2-PB (Y)	108	108	O2-PB (Y)	UNTH END	34	34	UNTH END	108	108	O2-PB (Y)	108	108	O2-PB (Y)					
HPB CK A	35	35	HPB CK A	109	109	UNREG GND	109	109	UNREG GND	CAS IN3	35	35	CAS IN3	109	109	UNREG GND	109	109	UNREG GND					
EVEN DATA A	36	36	EVEN DATA A	110	110	O2-PB (X)	110	110	O2-PB (X)	EEPROM-EQ BUSY	36	36	EEPROM-EQ BUSY	110	110	O2-PB (X)	110	110	O2-PB (X)					
REG GND	37	37	REG GND	111	111	UNREG GND	111	111	UNREG GND	EEPROM-EQ CS	37	37	EEPROM-EQ CS	111	111	UNREG GND	111	111	UNREG GND					
REG GND	38	38	REG GND	112	112	O2-SP (Y)	112	112	O2-SP (Y)	EQ CS A	38	38	EQ CS A	112	112	O2-SP (Y)	112	112	O2-SP (Y)					
REG GND	39	39	REG GND	113	113	UNREG GND	113	113	UNREG GND	EQ CS B	39	39	EQ CS B	113	113	UNREG GND	113	113	UNREG GND					
REG GND	40	40	REG GND	114	114	O2-SP (X)	114	114	O2-SP (X)	EQ CS C	40	40	EQ CS C	114	114	O2-SP (X)	114	114	O2-SP (X)					
REG GND	41	41	REG GND	115	115	UNREG GND	115	115	UNREG GND	EQ CS D	41	41	EQ CS D	115	115	UNREG GND	115	115	UNREG GND					
EVEN DATA B	42	42	EVEN DATA B	116	116	UNREG GND	116	116	UNREG GND	EQ CS E	42	42	EQ CS E	116	116	UNREG GND	116	116	UNREG GND					
HPB CK B	43	43	HPB CK B	117	117	VIT SO	117	117	VIT SO	FN SEL	43	43	FN SEL	117	117	VIT SO	117	117	VIT SO					
ODD DATA B	44	44	ODD DATA B	118	118	L-CHCD RESET	118	118	L-CHCD RESET	FN/2 SEL	44	44	FN/2 SEL	118	118	L-CHCD RESET	118	118	L-CHCD RESET					
REG GND	45	45	REG GND	119	119	VIT SCK	119	119	VIT SCK	IT1 CENTER MODE	45	45	IT1 CENTER MODE	119	119	VIT SCK	119	119	VIT SCK					
REG GND	46	46	REG GND	120	120	VIT SI	120	120	VIT SI	REC SW REF	46	46	REC SW REF	120	120	VIT SI	120	120	VIT SI					
REG GND	47	47	REG GND	121	121	P-HCK EQ	121	121	P-HCK EQ	PB SW REF	47	47	PB SW REF	121	121	P-HCK EQ	121	121	P-HCK EQ					
PLL LOCK B	48	48	PLL LOCK B	122	122	REG GND	122	122	REG GND	VIT CS A	48	48	VIT CS A	122	122	REG GND	122	122	REG GND					
EQ CS B	49	49	EQ CS B	123	123	REG GND	123	123	REG GND	VIT CS B	49	49	VIT CS B	123	123	REG GND	123	123	REG GND					
VIT CS B	50	50	VIT CS B	124	124	REG GND	124	124	REG GND	VIT CS C	50	50	VIT CS C	124	124	REG GND	124	124	REG GND					
SWP B	51	51	SWP B	125	125	REG GND	125	125	REG GND	VIT CS D	51	51	VIT CS D	125	125	REG GND	125	125	REG GND					
UNREG GND	52	52	UNREG GND	126	126	REG GND	126	126	REG GND	VIT CS E	52	52	VIT CS E	126	126	REG GND	126	126	REG GND					
REG GND (PB B RF)	53	53	REG GND (PB B RF)	127	127	REG +3V	127	127	REG +3V	DRUM BUSY	53	53	DRUM BUSY	127	127	REG +3V	127	127	REG +3V					
PB B RF (X)	54	54	PB B RF (X)	128	128	REG +5V	128	128	REG +5V	DRUM CS	54	54	DRUM CS	128	128	REG +5V	128	128	REG +5V					
REG GND	55	55	REG GND	129	129	REG +3V	129	129	REG +3V	ADJ D/A LD	55	55	ADJ D/A LD	129	129	REG +3V	129	129	REG +3V					
O1-PB (Y)	56	56	O1-PB (Y)	130	130	REG +5V	130	130	REG +5V	SV SCK1	56	56	SV SCK1	130	130	REG +5V	130	130	REG +5V					
REG GND	57	57	REG GND	131	131	UNREG -5V	131	131	UNREG -5V	SV SO1	57	57	SV SO1	131	131	UNREG -5V	131	131	UNREG -5V					
O1-PB (X)	58	58	O1-PB (X)	132	132	UNREG +6.8V	132	132	UNREG +6.8V	CAP FG A PULSE	58	58	CAP FG A PULSE	132	132	UNREG +6.8V	132	132	UNREG +6.8V					
REG GND	59	59	REG GND	133	133	UNREG -5V	133	133	UNREG -5V	CAP FG B PULSE	59	59	CAP FG B PULSE	133	133	UNREG -5V	133	133	UNREG -5V					
O1-SP (Y)	60	60	O1-SP (Y)	134	134	UNREG +6.8V	134	134	UNREG +6.8V	PB D RF (X)	60	60	PB D RF (X)	134	134	UNREG +6.8V	134	134	UNREG +6.8V					
REG GND	61	61	REG GND	135	135	UNREG -12V	135	135	UNREG -12V	SPARE SV/SY	61	61	SPARE SV/SY	135	135	UNREG -12V	135	135	UNREG -12V					
O1-SP (X)	62	62	O1-SP (X)	136	136	UNREG +12V	136	136	UNREG +12V	CAPSTAN FG A	62	62	CAPSTAN FG A	136	136	UNREG +12V	136	136	UNREG +12V					
REG GND	63	63	REG GND	137	137	UNREG -12V	137	137	UNREG -12V	CAPSTAN FG B	63	63	CAPSTAN FG B	137	137	UNREG -12V	137	137	UNREG -12V					
UNREG GND	64	64	UNREG GND	138	138	UNREG +12V	138	138</																



TC-90		SY-220	
CN1	CN1	CN1	CN1
TC A0	1	TC A0	1
TC A2	2	TC A2	2
TC A4	3	TC A4	3
TC D0	4	TC D0	4
TC D2	5	TC D2	5
TC D4	6	TC D4	6
TC D6	7	TC D6	7
SY CK	8	SY CK	8
LTC RD	9	LTC RD	9
TC WAIT	10	TC WAIT	10
TC EXIST	11	TC EXIST	11
LTC RESET	12	LTC RESET	12
REG -5V	13	REG -5V	13
GND	14	GND	14
REG +5V	15	REG +5V	15
LTC GND	16	LTC GND	16
LTC IN	17	LTC IN	17
TC A1	18	TC A1	18
TC A3	19	TC A3	19
TC A5	20	TC A5	20
TC D1	21	TC D1	21
TC D3	22	TC D3	22
TC D5	23	TC D5	23
TC D7	24	TC D7	24
LTC CS	25	LTC CS	25
LTC NR	26	LTC NR	26
TC INT	27	TC INT	27
RSG OE	28	RSG OE	28
H:NTSC/L:PAL	29	H:NTSC/L:PAL	29
REG -5V	30	REG -5V	30
REG +5V	31	REG +5V	31
LTC GND	32	LTC GND	32
LTC OUT	34	LTC OUT	34

CN2	
1	UNREG +12V
2	GND
3	JIG SCK
4	JIG S1
5	JIG S0
6	L:JIG CS
7	1/2 V0

CN3	
1	TXD
2	RXD
3	VCC
4	GND
5	GND

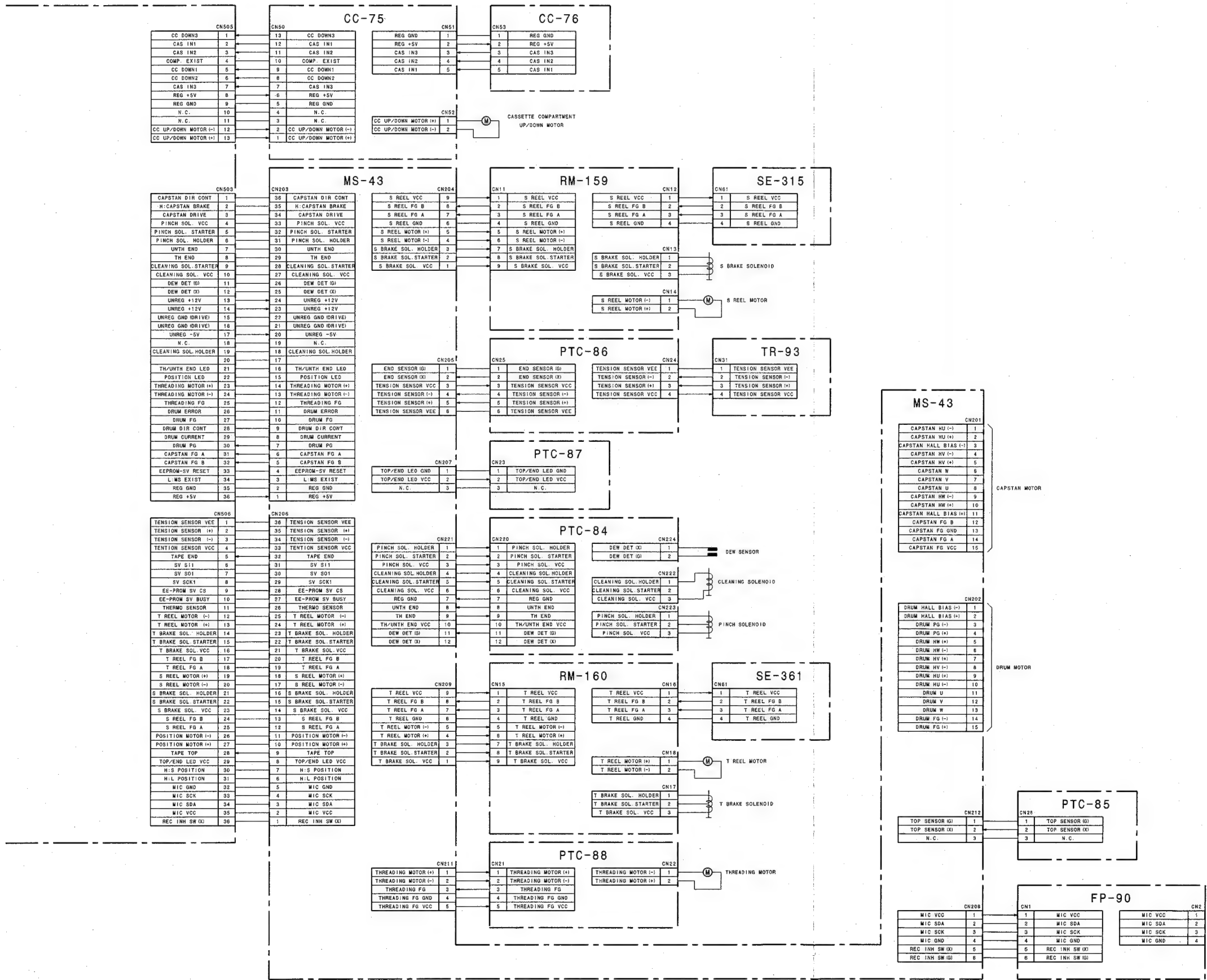
CN4	
1	TENSION IN
2	TENSION GND

SY-220	
CN115	CN115
RM TX (-)	1
RM TX (+)	2
RM RX (-)	3
RM RX (+)	4
EXT LTC INPUT	5
EXT LTC GND	6
EXT LTC OUTPUT	7
PB SW REF	8
DRUM GATE	9
DRUM S0	10
DRUM S1	11
DRUM SCK	12
DRUM CS	13
DRUM BUSY	14
TOP/END LED PULSE	15
TAPE TOP	16
L:CPU RESET	17
TAPE END	18
GND	19
THERMO SENSOR	21
REF 150	22
TENSION ERROR DC	23
DRUM FG	24
GND	25
CAP FG A PULSE	27
CAP FG B PULSE	28
REF +5V	29
REG GND	30
ADJ D/A LD	31
TENSION CURRENT	32
CAPSTAN ERROR	33
CAPSTAN CURRENT	34
GND	35
THREADING ERROR	36
H:TR/UNTH POWER ON	37
SPARE SV/SY	38
THREADING CURRENT	39
POSITION CURRENT	40
THREADING CONT1	41
POSITION CONT1	42
THREADING CONT2	43
POSITION CONT2	44
CC UP/DOWN CURRENT	45
CC UP/DOWN CONT1	46
CC UP/DOWN CONT2	47
S REEL CURRENT	48
H:S REEL POWER ON	49
S REEL ERROR	50
T REEL CURRENT	51
T REEL ERROR	52
H:T REEL POWER ON	53
H:CAPSTAN STOP	54
GND	55
GND	56
GND	57
H:FUN MOTOR STOP	59
GND	60
GND	61
REC CUR D/A LD	63
L:ERASE ON	64
SV SCK1	65
SV S01	66
SV S11	67
GND	68
GND	69
GND	70
GND	71
N.C.	72
H:CTL REC ON	74
GND	75
GND	76
GND	77
GND	78
GND	79
H:INS	80
H:BURST EXIST	81
RSG 1ST FLD	82
H:SYNC EXT	83
GND	84
REG +3V	85
REG +3V	86
REG +3V	87
REG +3V	88
REG +5V	89
REG +5V	90
REG +5V	91
REG +5V	92
UNREG +6.8V	93
UNREG +6.8V	94
UNREG +6.8V	95
UNREG +6.8V	96
REG GND	97
REG GND	98
REG GND	99
REG GND	100

SY-220	
CN116	CN116
REG GND	1
REG GND	2
REG GND	3
REG GND	4
FSCONT OSD1 CS	5
SP SCK3	6
SP S13	7
SP S03	8
AU EDIT CS	9
FS CONT-R CS	10
DSP-R1 CS	11
DSP-R2 CS	12
AUD-R1 CS	13
AUD-R2 CS	14
DSP-R1 READY	15
DSP-R2 READY	16
DSP-P1 READY	17
DSP-P2 READY	18
DSP-R1 XLAT	19
DSP-R2 XLAT	20
DSP-P1 XLAT	21
DSP-P2 XLAT	22
L:DSP-R1 MUTE	23
L:DSP-R2 MUTE	24
SPARE DEN/SY	25
H:NTSC	26
L:OSD1 INPUT EN	27
L:SDI-18 EXIST	28
L:SDI-27 EXIST	29
SP SCK4	30
SP S04	31
SP S14	32
NFIL-P CS	33
BLK-P CS	34
COMP-P CS	35
SFY-P1 MS CS	36
SFY-P2 MS CS	37
SFY-P3 MS CS	38
SFY-P4 MS CS	39
OSD1-P CS	40
OSD1-P MUTE	41
AUDIO MUTE	42
L:FLTA ERR	43
DA ID	44
RC-P1 MUTE	45
RC-P2 MUTE	46
SP SCK5	47
SP S05	48
SP S15	49
SFY-P1 SP CS	50
SFY-P2 SP CS	51
SFY-P3 SP CS	52
SFY-P4 SP CS	53
RC-R1 FS1	54
RC-R1 FS2	55
CAP TRANSIENT	56
CAPSTAN DIR DET	57
RC-R1 DEMP	58
RC-R2 DEMP	59
RC-P1 DEMP	60
RC-P2 DEMP	61
SP SCK6	62
SP S16	63
SP S06	64
AU-SFY CS	65
JOG CS	66
AUD-P1 CS	67
AUD-P2 CS	68
FSCONT-P CS	69
DSP-P1 CS	70
DSP-P2 CS	71
MONITOR SEL1	72
MONITOR SEL2	73
MONITOR SEL FB	74
L:DSP-P1 MUTE	75
L:DSP-P2 MUTE	76
RC-P1 XLAT	77
RC-P2 XLAT	78
L:AU RESET	79
SP SCK0	80
SP S10	81
SP S00	82
GND	83
GND	84
UNREG -12V	85
UNREG -12V	86
UNREG -12V	87
UNREG -12V	88
UNREG -5V	89
UNREG -5V	90
UNREG -5V	91
UNREG -5V	92
UNREG +12V	93
UNREG +12V	94
UNREG +12V	95
UNREG +12V	96
GND	97
GND	98
GND	99
GND	100

SY-220	
CN117	CN117
SV SCK2	1
SV S02	2
SV S12	3
TFSD-P CS	4
CHCD-P1 CS	5
CHCD-P2 CS	6
CHCD-P3 CS	7
CHCD-P4 CS	8
L:CHCD RESET	9
SV SCK3	10
SV S03	11
SV S13	12
TFSD-R CS	13
CHCD-R1 CS	14
CHCD-R2 CS	15
CHCD-R3 CS	16
CHCD-R4 CS	17
P-FLT1	18
P-TRKT1	19
R-VAR FRP	20
P-VAR FRP	21
R-FLT1	22
R-TRKT1	23
R-FLT1	24
R-FLT1	25
GND	26
EDITPLD CS	27
P-FLT0	28
P-FLT0	29
R-FLTD	30
P-TRKT0	31
R-TRK0	32
R-TRK0	33
SDI CFP0	34
SDI CFP1	35
SDI CFP2	36
SDI CFP2	37
INPUT CF PULSE	38
INPUT SYNC	39
LVD	40
H:WIDE	41
H:LETTER BOX	42
H:WIDE DC	43
L:NON STD	44
R-FLTD SY	45
H:INPUT EXIST	46
R-TRKT0 SY	47
L:NON STD IN	48
QUAD-R1 CS	49
QUAD-R1 CS	50
QUAD-R1 CS	51
QUAD-R1 CS	52
QUAD-R2 CS	53
QUAD-R2 CS	54
QUAD-R2 CS	55
QUAD-R2 CS	56
QUAD-R2 CS	57
SDI-18 CS	58
SY SCK2	59
SY S02	60
SY S12	61
SDI-8 CS	62
CTLG-R MOD CS	63
CTLG-R SP CS	64
CTLG2 CS	65
CTLG2 CS	66
L:MAINT MODE	67
L:CTLO RESET	68
P-CTLO MOD CS	69
P-CTLO SP CS	70
RSG OE	71
CHARA S10	72
CHARA FRAME	73
RSG HD	74







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MB-640										MB-640										MB-640									
CN107					SDI-8					CN109					CN108					SDI-8					CN108				
AJ R-START4	1	2	3	4	AJ R-START4	1	2	3	4	AJ R-START4	1	2	3	4	P-FRPSG4	1	2	3	4	P-FRPSG4	1	2	3	4	OSDT8-R1	75	76	77	78
AJ R-START3	5	6	7	8	AJ R-START3	5	6	7	8	AJ R-START3	5	6	7	8	P-TRPSC4	5	6	7	8	P-TRPSC4	5	6	7	8	OSDT9-R1	79	80	81	82
AJ R-START2	9	10	11	12	AJ R-START2	9	10	11	12	AJ R-START2	9	10	11	12	SYCS4	9	10	11	12	SYCS4	9	10	11	12	OSDT10-R1	83	84	85	86
AJ R-ADT4	13	14	15	16	AJ R-ADT4	13	14	15	16	AJ R-ADT4	13	14	15	16	VPCCK4	13	14	15	16	VPCCK4	13	14	15	16	OSDT11-R1	87	88	89	90
AJ R-ADT3	17	18	19	20	AJ R-ADT3	17	18	19	20	AJ R-ADT3	17	18	19	20	VADVCS4	17	18	19	20	VADVCS4	17	18	19	20	OSDT12-R1	91	92	93	94
AJ R-ADT2	21	22	23	24	AJ R-ADT2	21	22	23	24	AJ R-ADT2	21	22	23	24	DTC841	21	22	23	24	DTC841	21	22	23	24	OSDT13-R1	95	96	97	98
AJ P-START4	25	26	27	28	AJ P-START4	25	26	27	28	AJ P-START4	25	26	27	28	DTC840	25	26	27	28	DTC840	25	26	27	28	OSDT14-R1	99	100	101	102
AJ P-START3	29	30	31	32	AJ P-START3	29	30	31	32	AJ P-START3	29	30	31	32	DTC843	29	30	31	32	DTC843	29	30	31	32	IOEC-R1	103	104	105	106
AJ P-START2	33	34	35	36	AJ P-START2	33	34	35	36	AJ P-START2	33	34	35	36	DTC842	33	34	35	36	DTC842	33	34	35	36	OSD1 XEN	107	108	109	110
AJ P-ADT4	37	38	39	40	AJ P-ADT4	37	38	39	40	AJ P-ADT4	37	38	39	40	DTC845	37	38	39	40	DTC845	37	38	39	40	IENPA-R1	111	112	113	114
AJ P-ADT3	41	42	43	44	AJ P-ADT3	41	42	43	44	AJ P-ADT3	41	42	43	44	DTC844	41	42	43	44	DTC844	41	42	43	44	IENPV-R1	115	116	117	118
AJ P-ADT2	45	46	47	48	AJ P-ADT2	45	46	47	48	AJ P-ADT2	45	46	47	48	DTC847	45	46	47	48	DTC847	45	46	47	48	BUPOS	119	120	121	122
OSDI SYNC	49	50	51	52	OSDI SYNC	49	50	51	52	OSDI SYNC	49	50	51	52	DTC846	49	50	51	52	DTC846	49	50	51	52	LJC RESET	123	124	125	126
OSDI CFP	53	54	55	56	OSDI CFP	53	54	55	56	OSDI CFP	53	54	55	56	P-FRPSG3	53	54	55	56	P-FRPSG3	53	54	55	56	OSDI-R CS	127	128	129	130
OSDI F	57	58	59	60	OSDI F	57	58	59	60	OSDI F	57	58	59	60	SCDVCS3	57	58	59	60	SCDVCS3	57	58	59	60	SP SCK1	131	132	133	134
OSDI V	61	62	63	64	OSDI V	61	62	63	64	OSDI V	61	62	63	64	SYCS3	61	62	63	64	SYCS3	61	62	63	64	SP SCK2	135	136	137	138
OSDI H	65	66	67	68	OSDI H	65	66	67	68	OSDI H	65	66	67	68	VPCCK3	65	66	67	68	VPCCK3	65	66	67	68	SP S11	139	140	141	142
OSDI CK13 (H)	69	70	71	72	OSDI CK13 (H)	69	70	71	72	OSDI CK13 (H)	69	70	71	72	VADVCS3	69	70	71	72	VADVCS3	69	70	71	72	SP S12	143	144	145	146
OSDI CK13 (X)	73	74	75	76	OSDI CK13 (X)	73	74	75	76	OSDI CK13 (X)	73	74	75	76	DTCSS1	73	74	75	76	DTCSS1	73	74	75	76	SP S01	147	148	149	150
R-TRPSC4	77	78	79	80	R-TRPSC4	77	78	79	80	R-TRPSC4	77	78	79	80	DTCSS0	77	78	79	80	DTCSS0	77	78	79	80	SP S02	151	152	153	154
VRCKCS4	81	82	83	84	VRCKCS4	81	82	83	84	VRCKCS4	81	82	83	84	DTCSS3	81	82	83	84	DTCSS3	81	82	83	84	SFY-R2 MS CS	155	156	157	158
DTC840	85	86	87	88	DTC840	85	86	87	88	DTC840	85	86	87	88	DTCSS2	85	86	87	88	DTCSS2	85	86	87	88	SFY-R2 SP CS	159	160	161	162
DTC841	89	90	91	92	DTC841	89	90	91	92	DTC841	89	90	91	92	DTCSS5	89	90	91	92	DTCSS5	89	90	91	92	SFY-R3 MS CS	163	164	165	166
DTC842	93	94	95	96	DTC842	93	94	95	96	DTC842	93	94	95	96	DTCSS4	93	94	95	96	DTCSS4	93	94	95	96	SFY-R3 SP CS	167	168	169	170
DTC843	97	98	99	100	DTC843	97	98	99	100	DTC843	97	98	99	100	DTCSS7	97	98	99	100	DTCSS7	97	98	99	100	SFY-R4 MS CS	171	172	173	174
DTC844	101	102	103	104	DTC844	101	102	103	104	DTC844	101	102	103	104	DTCSS6	101	102	103	104	DTCSS6	101	102	103	104	SFY-R4 SP CS	175	176	177	178
DTC845	105	106	107	108	DTC845	105	106	107	108	DTC845	105	106	107	108	P-FRPSG2	105	106	107	108	P-FRPSG2	105	106	107	108	SFY-R2 TBC EN	179	180	181	182
DTC846	109	110	111	112	DTC846	109	110	111	112	DTC846	109	110	111	112	P-TRPSC2	109	110	111	112	P-TRPSC2	109	110	111	112	SFY-R2 BANK	183	184	185	186
DTC847	113	114	115	116	DTC847	113	114	115	116	DTC847	113	114	115	116	SCDVCS2	113	114	115	116	SCDVCS2	113	114	115	116	SFY-R3 TBC EN	187	188	189	190
R-TRPSC3	117	118	119	120	R-TRPSC3	117	118	119	120	R-TRPSC3	117	118	119	120	SYCS2	117	118	119	120	SYCS2	117	118	119	120	SFY-R3 BANK	191	192	193	194
VRCKCS3	121	122	123	124	VRCKCS3	121	122	123	124	VRCKCS3	121	122	123	124	VPCCK2	121	122	123	124	VPCCK2	121	122	123	124	SFY-R4 TBC EN	195	196	197	198
DTC840	125	126	127	128	DTC840	125	126	127	128	DTC840	125	126	127	128	VADVCS2	125	126	127	128	VADVCS2	125	126	127	128	SFY-R4 BANK	199	200	201	202
DTC841	129	130	131	132	DTC841	129	130	131	132	DTC841	129	130	131	132	DTC821	129	130	131	132	DTC821	129	130	131	132	SPARE SD1/SY	203	204	205	206
DTC842	133	134	135	136	DTC842	133	134	135	136	DTC842	133	134	135	136	DTC820	133	134	135	136	DTC820	133	134	135	136	SFY-P2 TBC EN	207	208	209	210
DTC843	137	138	139	140	DTC843	137	138	139	140	DTC843	137	138	139	140	DTC823	137	138	139	140	DTC823	137	138	139	140	SFY-P2 BANK	211	212	213	214
DTC844	141	142	143	144	DTC844	141	142	143	144	DTC844	141	142	143	144	DTC822	141	142	143	144	DTC822	141	142	143	144	SFY-P3 TBC EN	215	216	217	218
DTC845	145	146	147	148	DTC845	145	146	147	148	DTC845	145	146	147	148	DTC825	145	146	147	148	DTC825	145	146	147	148	SFY-P3 BANK	219	220	221	222
DTC846	149	150	151	152	DTC846	149	150	151	152	DTC846	149	150	151	152	DTC824	149	150	151	152	DTC824	149	150	151	152	SFY-P4 TBC EN	223	224	225	226
DTC847	153	154	155	156	DTC847	153	154	155	156	DTC847	153	154	155	156	DTC827	153	154	155	156	DTC827	153	154	155	156	SFY-P4 BANK	227	228	229	230
R-TRPSC3	157	158	159	160	R-TRPSC3	157	158	159	160	R-TRPSC3	157	158	159	160	DTC826	157	158	159	160	DTC826	157	158	159	160	SFY-P2 MS CS	231	232	233	234
VRCKCS3	161	162	163	164	VRCKCS3	161	162	163	164	VRCKCS3	161	162	163	164	P-FLTT1	161	162	163	164	P-FLTT1	161	162	163	164	SFY-P2 SP CS	235	236	237	238
DTC840	165	166	167	168	DTC840	165	166	167	168	DTC840	165	166	167	168	P-FLTT2	165	166	167	168	P-FLTT2	165	166	167	168	SFY-P3 MS CS	239	240	241	242
DTC841	169	170</																											







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SDI-27		DDE-4/DDE-4P	
CN27		CN27	
MPX SD19-R	1	1	MPX SD19-R
MPX SD17-R	2	2	MPX SD17-R
MPX SD15-R	3	3	MPX SD15-R
MPX SD13-R	4	4	MPX SD13-R
MPX SD11-R	5	5	MPX SD11-R
SDI CK27	6	6	SDI CK27
SDI F	7	7	SDI F
SDI H	8	8	SDI H
	9	9	
+5V	10	10	+5V
+5V	11	11	+5V
+3V	12	12	+3V
+3V	13	13	+3V
-5V	14	14	-5V
-5V	15	15	-5V
GND	16	16	GND
GND	17	17	GND
GND	18	18	GND
GND	19	19	GND
	20	20	
	21	21	
SDIA REC DT 1/2	22	22	SDIA REC DT 1/2
SDIA REC DT 3/4	23	23	SDIA REC DT 3/4
SDIA REC LRCK	24	24	SDIA REC LRCK
SDIA REC BCK	25	25	SDIA REC BCK
SDIA REC 256FS	26	26	SDIA REC 256FS
D1 AD7	27	27	D1 AD7
D1 AD5	28	28	D1 AD5
D1 AD3	29	29	D1 AD3
D1 AD1	30	30	D1 AD1
D1 IN CS	31	31	D1 IN CS
D1 A9	32	32	D1 A9
D1 WR	33	33	D1 WR
L-CPU RESET	34	34	L-CPU RESET
MPX SD18-R	35	35	MPX SD18-R
MPX SD16-R	36	36	MPX SD16-R
MPX SD14-R	37	37	MPX SD14-R
MPX SD12-R	38	38	MPX SD12-R
MPX SD10-R	39	39	MPX SD10-R
SDI CK27 (X)	40	40	SDI CK27 (X)
SDI V	41	41	SDI V
H:SDI IN EXIST	42	42	H:SDI IN EXIST
	43	43	
+5V	44	44	+5V
+5V	45	45	+5V
+3V	46	46	+3V
+3V	47	47	+3V
-5V	48	48	-5V
-5V	49	49	-5V
GND	50	50	GND
GND	51	51	GND
GND	52	52	GND
GND	53	53	GND
	54	54	
	55	55	
SDIA REC ERR 1/2	56	56	SDIA REC ERR 1/2
SDIA REC ERR 3/4	57	57	SDIA REC ERR 3/4
SDIA PB LRCK	58	58	SDIA PB LRCK
SDIA PB BCK	59	59	SDIA PB BCK
SDIA PB 256FS	60	60	SDIA PB 256FS
D1 AD6	61	61	D1 AD6
D1 AD4	62	62	D1 AD4
D1 AD2	63	63	D1 AD2
D1 AD0	64	64	D1 AD0
D1 ASTB	65	65	D1 ASTB
D1 AB	66	66	D1 AB
D1 RB	67	67	D1 RB
L:SDI-27 EXIST	68	68	L:SDI-27 EXIST

MB-640		DDE-4/DDE-4P		MB-640	
CN105		CN105		CN106	
1	H-WIDE	1	H-WIDE	1	GND
2	S DATA	2	S DATA	2	GND
3	H-WIDE DC	3	H-WIDE DC	3	R-FLTTO SY
4	STRB	4	STRB	4	R-FLTTO DV
5	H-LETTER BOX	5	H-LETTER BOX	5	R-TRKTO SY
6	SKC	6	SKC	6	R-TRKTO DV
7		7		7	R-TRCK SDI
8	INPUT B-Y (X)	8	INPUT B-Y (X)	8	R-TRCK DV
9		9		9	R-FLTO
10	INPUT B-Y (G)	10	INPUT B-Y (G)	10	R-FLTV
11	GND	11	GND	11	R-TRKD
12	INPUT R-Y (X)	12	INPUT R-Y (X)	12	R-SPCK DV
13	GND	13	GND	13	R-TRCK AUDIO
14	INPUT R-Y (Y)	14	INPUT R-Y (Y)	14	R-HREC
15	GND	15	GND	15	R-FLTA0
16	INPUT Y (X)	16	INPUT Y (X)	16	R-CINN
17	GND	17	GND	17	R-TTCK
18	INPUT Y (G)	18	INPUT Y (G)	18	R-JOGE
19	GND	19	GND	19	R-SPCK AUDIO
20	INPUT VIDEO (X)	20	INPUT VIDEO (X)	20	R-JFOE
21	GND	21	GND	21	GND
22	INPUT VIDEO (G)	22	INPUT VIDEO (G)	22	R-JSYV
23	GND	23	GND	23	SP S11
24	INPUT S-Y (X)	24	INPUT S-Y (X)	24	R-JSYC
25	GND	25	GND	25	SP S01
26	INPUT S (G)	26	INPUT S (G)	26	R-JY7
27	GND	27	GND	27	SP SKC1
28	INPUT S-C (X)	28	INPUT S-C (X)	28	R-JY8
29	GND	29	GND	29	NFIL-R CS
30	INPUT S (G)	30	INPUT S (G)	30	R-JY5
31	GND	31	GND	31	L-JJC RESET
32	RSO REF (X)	32	RSO REF (X)	32	R-JY4
33	GND	33	GND	33	SY S12
34	RSO REF (G)	34	RSO REF (G)	34	R-JY3
35	GND	35	GND	35	SY S02
36	INCOME SYNC (X)	36	INCOME SYNC (X)	36	R-JY2
37	GND	37	GND	37	SY SKC2
38	INCOME SYNC (G)	38	INCOME SYNC (G)	38	R-JY1
39	GND	39	GND	39	CTLG-R MOD CS
40	SPCK ERR	40	SPCK ERR	40	R-JY0
41	GND	41	GND	41	CTLG-R SP CS
42	SDI CFP	42	SDI CFP	42	R-JC7
43	GND	43	GND	43	L CTLG RESET
44	SDI OE	44	SDI OE	44	R-JC6
45	GND	45	GND	45	
46	SDI SYNC	46	SDI SYNC	46	R-JC5
47	GND	47	GND	47	GND
48	GND	48	GND	48	R-JC4
49	GND	49	GND	49	GND
50	GND	50	GND	50	R-JC3
51	GND	51	GND	51	GND
52	INPUT CF PULSE	52	INPUT CF PULSE	52	R-JC2
53	GND	53	GND	53	GND
54	L-MAINT MODE	54	L-MAINT MODE	54	R-JC1
55	GND	55	GND	55	
56	H-INPUT EXIST	56	H-INPUT EXIST	56	R-JC0
57	GND	57	GND	57	SDIA PB LRCK
58	L-NON STD	58	L-NON STD	58	D1 AD7
59	GND	59	GND	59	SDIA PB BCK
60	SDI CFP 0	60	SDI CFP 0	60	D1 AD6
61	GND	61	GND	61	SDIA PB 256FS
62	SDI CFP 1	62	SDI CFP 1	62	D1 AD5
63	GND	63	GND	63	SDIA REC DT 1/2
64	SDI CFP 2	64	SDI CFP 2	64	D1 AD4
65	GND	65	GND	65	SDIA REC DT 3/4
66	LVD	66	LVD	66	D1 AD3
67	GND	67	GND	67	SDIA REC LRCK
68	INPUT SYNC	68	INPUT SYNC	68	D1 AD2
69	GND	69	GND	69	SDIA REC BCK
70		70		70	D1 AD1
71		71		71	SDIA REC 256FS
72	QSDI SYNC	72	QSDI SYNC	72	D1 AD0
73		73		73	SDIA REC ERR 1/2
74	QSDI CFP	74	QSDI CFP	74	D1 IN CS
75	SPARE DDE/CDE	75	SPARE DDE/CDE	75	SDIA REC ERR 3/4
76	QSDI F	76	QSDI F	76	D1 A9
77	L'NON STD IN	77	L'NON STD IN	77	L'SOI-ST EXIST
78	QSDI V	78	QSDI V	78	D1 A8
79	SPARE DDE/SDI	79	SPARE DDE/SDI	79	L'CPU RESET

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MB-640

DN114	1	GND
	2	GND
	3	SPARE DEN/DDE
	4	SP S14
	5	SPARE DEN/SY
	6	SP S04
	7	SPARE DEN/SDI
	8	SP S5K4
	9	SPARE DEN/DV
	10	NFL-F PS
	11	GND
	12	L-FRQ RESET
	13	GND
	14	L-MAINTN MODE
	15	GND
	16	P-HCK DV
	17	P-HCK AUDIO I
	18	P-HCK EO
	19	OSDI CK27 00
	20	GND
	21	OSDI CK27 0G
	22	RSQ EO
	23	OSDI OE
	24	RSQ HB
	25	OSDI HB
	26	RSQ V0
	27	OSDI CFP
	28	RSQ 1ST FLD
	29	OSDI SYNC
	30	GND
	31	SDI CFP
	32	H-BURST EXIST
	33	SDI SYNC
	34	H-SYNT EXT
	35	SDI OE
	36	P-SFCK
	37	P-HREC
	38	GND
	39	GND
	40	P-CINV
	41	GND
	42	P-HVFON
	43	GND
	44	P-FLBKY
	45	GND
	46	P-J5YY
	47	GND
	48	P-J5YC
	49	GND
	50	P-JY7
	51	GND
	52	P-JY6
	53	GND
	54	P-JY5
	55	GND
	56	P-JY4
	57	GND
	58	P-JY3
	59	GND
	60	P-JY2
	61	GND
	62	P-JY1
	63	GND
	64	P-JY0
	65	GND
	66	P-JC7
	67	GND
	68	P-JC6
	69	GND
	70	P-JC5
	71	GND
	72	P-JC4
	73	H-NTSC
	74	P-JC3
	75	SDIA PB DT 1/2
	76	P-JC2
	77	SDIA PB DT 3/4
	78	P-JC1
	79	SDIA PB LCK
	80	P-JC0
	81	SDIA PB BCK
	82	L-SDI-28 EXIST
	83	SDIA PB 128F5
	84	SDI-28 CS
	85	UNREG -12V
	86	UNREG -12V
	87	UNREG -12V
	88	UNREG -12V
	89	UNREG -5V
	90	UNREG -5V
	91	UNREG -5V
	92	UNREG -5V
	93	UNREG +12V
	94	UNREG +12V
	95	UNREG +12V
	96	UNREG +12V
	97	GND
	98	GND
	99	GND
	100	GND

SD I - 28

CN26	
1	L SDI-28 EXIST
2	SDI-28 GS
3	SV S01
4	
5	
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7	
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9	
10	
11	
12	
13	
14	
15	
16	GND
17	GND
18	GND
19	GND
20	-5V
21	-5V
22	+3V
23	+3V
24	+5V
25	+5V
26	
27	
28	
29	REF CK27 (X)
30	MPX SD10-P
31	MPX SD12-P
32	MPX SD14-P
33	MPX SD16-P
34	MPX SD18-P
35	L CPU RESET
36	SV SCK1
37	SV S11
38	H INTSC
39	
40	
41	
42	
43	SDIA PB 128F5
44	SDIA PB BCK
45	SDIA PB LRCK
46	SDIA PB DT 3/4
47	SDIA PB DT 1/2
48	
49	
50	GND
51	GND
52	GND
53	GND
54	-5V
55	-5V
56	+3V
57	+3V
58	+5V
59	+5V
60	
61	FH
62	REF OE
63	REF CK27 (X)
64	MPX SD11-P
65	MPX SD13-P
66	MPX SD15-P
67	MPX SD17-P
68	MPX SD19-P



1

2

3

4

5

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CN101		CN101	
UNREG +15V	1	UNREG +15V	1
UNREG +15V	2	UNREG +15V	2
UNREG -15V	3	UNREG -15V	3
UNREG -15V	4	UNREG -15V	4
UNREG -15V	5	UNREG -15V	5
UNREG -15V	6	UNREG -15V	6
GND	7	GND	7
GND	8	GND	8
CH-1 OUTPUT (X)	9	CH-1 OUTPUT (X)	9
CH-1 OUTPUT (Y)	10	CH-1 OUTPUT (Y)	10
CH-1 OUTPUT (Z)	11	CH-1 OUTPUT (Z)	11
CH-1 OUTPUT (W)	12	CH-1 OUTPUT (W)	12
CH-2 OUTPUT (X)	13	CH-2 OUTPUT (X)	13
CH-2 OUTPUT (Y)	14	CH-2 OUTPUT (Y)	14
CH-2 OUTPUT (Z)	15	CH-2 OUTPUT (Z)	15
CH-2 OUTPUT (W)	16	CH-2 OUTPUT (W)	16
CH-3 OUTPUT (X)	17	CH-3 OUTPUT (X)	17
CH-3 OUTPUT (Y)	18	CH-3 OUTPUT (Y)	18
CH-3 OUTPUT (Z)	19	CH-3 OUTPUT (Z)	19
CH-3 OUTPUT (W)	20	CH-3 OUTPUT (W)	20
CH-4 OUTPUT (X)	21	CH-4 OUTPUT (X)	21
CH-4 OUTPUT (Y)	22	CH-4 OUTPUT (Y)	22
CH-4 OUTPUT (Z)	23	CH-4 OUTPUT (Z)	23
CH-4 OUTPUT (W)	24	CH-4 OUTPUT (W)	24
AUDIO MCNI OUTPUT (X)	25	AUDIO MCNI OUTPUT (X)	25
AUDIO MCNI OUTPUT (Y)	26	AUDIO MCNI OUTPUT (Y)	26
MONITOR SEL1	27	MONITOR SEL1	27
REG GND	28	REG GND	28
MONITOR SEL2	29	MONITOR SEL2	29
AUDIO MUTE	30	AUDIO MUTE	30
MONITOR SEL FB	31	MONITOR SEL FB	31
MAKE FLTA	32	MAKE FLTA	32
PB DATA1	33	PB DATA1	33
PB BCK AU1	34	PB BCK AU1	34
PB LCK AU1	35	PB LCK AU1	35
PB 256 AU1	36	PB 256 AU1	36
PB DATA2	37	PB DATA2	37
PB BCK AU2	38	PB BCK AU2	38
PB LCK AU2	39	PB LCK AU2	39
PB 256 AU2	40	PB 256 AU2	40
PC-P1 DEMP	41	PC-P1 DEMP	41
GND	42	GND	42
PC-P1 MUTE	43	PC-P1 MUTE	43
REG GND	44	REG GND	44
RC-P2 DEMP	45	RC-P2 DEMP	45
RC-P1 XLAT	46	RC-P1 XLAT	46
RC-P2 MUTE	47	RC-P2 MUTE	47
RC-P2 XLAT	48	RC-P2 XLAT	48
SP S00	49	SP S00	49
SP S0X	50	SP S0X	50
SP S10	51	SP S10	51
GND	52	GND	52
AU ID	53	AU ID	53
P-HCK AUDIO	54	P-HCK AUDIO	54
GND	55	GND	55
SDIA PB DT 1/2	57	SDIA PB DT 1/2	57
SDIA PB DT 3/4	58	SDIA PB DT 3/4	58
SDIA PB BCK	60	SDIA PB BCK	60
SDIA PB 256FS	62	SDIA PB 256FS	62
SDIA PB LCK	63	SDIA PB LCK	63
SDIA PB 128FS	64	SDIA PB 128FS	64
REC GND	65	REC GND	65
REC OUT	66	REC OUT	66
L FLTA ERR	67	L FLTA ERR	67
AES OUTPUT 3/4 (X)	68	AES OUTPUT 3/4 (X)	68
AES OUTPUT 3/4 (Y)	69	AES OUTPUT 3/4 (Y)	69
AES OUTPUT 3/4 (Z)	70	AES OUTPUT 3/4 (Z)	70
SPARE 2	71	SPARE 2	71
AES OUTPUT 1/2 (X)	72	AES OUTPUT 1/2 (X)	72
AES OUTPUT 1/2 (Y)	73	AES OUTPUT 1/2 (Y)	73
AES OUTPUT 1/2 (Z)	74	AES OUTPUT 1/2 (Z)	74
SPARE 3	75	SPARE 3	75
AES INPUT 3/4 (X)	76	AES INPUT 3/4 (X)	76
AES INPUT 3/4 (Y)	77	AES INPUT 3/4 (Y)	77
AES INPUT 3/4 (Z)	78	AES INPUT 3/4 (Z)	78
SPARE 4	79	SPARE 4	79
AES INPUT 1/2 (X)	80	AES INPUT 1/2 (X)	80
AES INPUT 1/2 (Y)	81	AES INPUT 1/2 (Y)	81
AES INPUT 1/2 (Z)	82	AES INPUT 1/2 (Z)	82
GND	83	GND	83
REG +3V	84	REG +3V	84
REG +3V	85	REG +3V	85
REG +3V	86	REG +3V	86
REG +3V	87	REG +3V	87
REG +3V	88	REG +3V	88
REG +5V	89	REG +5V	89
REG +5V	90	REG +5V	90
REG +5V	91	REG +5V	91
REG +5V	92	REG +5V	92
UNREG +6.8V	93	UNREG +6.8V	93
UNREG +6.8V	94	UNREG +6.8V	94
UNREG +6.8V	95	UNREG +6.8V	95
UNREG +6.8V	96	UNREG +6.8V	96
GND	97	GND	97
GND	98	GND	98
GND	99	GND	99
GND	100	GND	100

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CN102		CN102	
GND	1	GND	1
SP S06	3	SP S06	3
SP S03	4	SP S03	4
SP S16	5	SP S16	5
SP S13	6	SP S13	6
SP SCK6	7	SP SCK6	7
SP SCK3	8	SP SCK3	8
L AU RESET	9	L AU RESET	9
FS CONT-R CS	10	FS CONT-R CS	10
AES C STS CHG	11	AES C STS CHG	11
AES D1 WR	12	AES D1 WR	12
AES D1 RD	13	AES D1 RD	13
AES D1 AS TB	14	AES D1 AS TB	14
AES D1 A9	15	AES D1 A9	15
AES D1 A8	16	AES D1 A8	16
AES CS	17	AES CS	17
AES D1 A07	18	AES D1 A07	18
AES D1 A06	19	AES D1 A06	19
AES D1 A05	20	AES D1 A05	20
AES D1 A04	21	AES D1 A04	21
AES D1 A03	22	AES D1 A03	22
AES D1 A02	23	AES D1 A02	23
AES D1 A01	24	AES D1 A01	24
AES D1 A00	25	AES D1 A00	25
GND	26	GND	26
R-FLTT1	27	R-FLTT1	27
R-SPCK AUDIO	28	R-SPCK AUDIO	28
GND	29	GND	29
GND	30	GND	30
AES DATA1	31	AES DATA1	31
AES BCK1	32	AES BCK1	32
HR 200B	33	HR 200B	33
AES 256F1	34	AES 256F1	34
AES ERR1	35	AES ERR1	35
AES LCK1	36	AES LCK1	36
HR 180B	37	HR 180B	37
AES BCK2	38	AES BCK2	38
AES DATA2	39	AES DATA2	39
AES 256F2	40	AES 256F2	40
AES ERR2	41	AES ERR2	41
AES LCK2	42	AES LCK2	42
REG GND	43	REG GND	43
REG GND	44	REG GND	44
FLTA SIZE	45	FLTA SIZE	45
REC LCK	46	REC LCK	46
REC BCK	47	REC BCK	47
REC S12	48	REC S12	48
A/D DATA1	49	A/D DATA1	49
REC 256	50	REC 256	50
A/D DATA2	51	A/D DATA2	51
GND	52	GND	52
GND	53	GND	53
GND	54	GND	54
HP-R RET VR (X)	55	HP-R RET VR (X)	55
HP-R RET VR (Y)	56	HP-R RET VR (Y)	56
HP-R RET VR (Z)	57	HP-R RET VR (Z)	57
HP-R RET VR (W)	58	HP-R RET VR (W)	58
HP-R RET VR (V)	59	HP-R RET VR (V)	59
HP-L VR (X)	60	HP-L VR (X)	60
HP-L RET VR (X)	61	HP-L RET VR (X)	61
HP-L RET VR (Y)	62	HP-L RET VR (Y)	62
HP-R OUT (X)	63	HP-R OUT (X)	63
HP-R OUT (Y)	64	HP-R OUT (Y)	64
HP-R OUT (Z)	65	HP-R OUT (Z)	65
HP-R OUT (W)	66	HP-R OUT (W)	66
GND	67	GND	67
CH-4 INPUT VR RET (Y)	68	CH-4 INPUT VR RET (Y)	68
CH-4 INPUT RET (X)	69	CH-4 INPUT RET (X)	69
CH-4 INPUT VR RET (X)	70	CH-4 INPUT VR RET (X)	70
CH-4 INPUT RET (Y)	71	CH-4 INPUT RET (Y)	71
CH-3 INPUT VR RET (Y)	72	CH-3 INPUT VR RET (Y)	72
CH-3 INPUT RET (X)	73	CH-3 INPUT RET (X)	73
CH-3 INPUT VR RET (X)	74	CH-3 INPUT VR RET (X)	74
CH-3 INPUT RET (Y)	75	CH-3 INPUT RET (Y)	75
CH-2 INPUT VR RET (Y)	76	CH-2 INPUT VR RET (Y)	76
CH-2 INPUT RET (X)	77	CH-2 INPUT RET (X)	77
CH-2 INPUT VR RET (X)	78	CH-2 INPUT VR RET (X)	78
CH-2 INPUT RET (Y)	79	CH-2 INPUT RET (Y)	79
CH-1 INPUT VR RET (Y)	80	CH-1 INPUT VR RET (Y)	80
CH-1 INPUT RET (X)	81	CH-1 INPUT RET (X)	81
CH-1 INPUT VR RET (X)	82	CH-1 INPUT VR RET (X)	82
CH-1 INPUT RET (Y)	83	CH-1 INPUT RET (Y)	83
UNREG -12V	84	UNREG -12V	84
UNREG -12V	85	UNREG -12V	85
UNREG -12V	86	UNREG -12V	86
UNREG -12V	87	UNREG -12V	87
UNREG -12V	88	UNREG -12V	88
UNREG -5V	89	UNREG -5V	89
UNREG -5V	90	UNREG -5V	90
UNREG -5V	91	UNREG -5V	91
UNREG -5V	92	UNREG -5V	92
UNREG +12	93	UNREG +12	93
UNREG +12	94	UNREG +12	94
UNREG +12	95	UNREG +12	95
UNREG +12	96	UNREG +12	96
GND	97	GND	97
GND	98	GND	98
GND	99	GND	99
GND	100	GND	100

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CN103		CN103	
GND	1	GND	1
GND	2	GND	2
GND	3	GND	3
GND	4	GND	4
GND	5	GND	5
GND	6	GND	6
GND	7	GND	7
GND	8	GND	8
L DSP-R1 MUTE	9	L DSP-R1 MUTE	9
L DSP-R2 MUTE	10	L DSP-R2 MUTE	10
AUD-P1 CS	11	AUD-P1 CS	11
AUD-P2 CS	12	AUD-P2 CS	12
DSP-P1 CS	13	DSP-P1 CS	13
DSP-P2 CS	14	DSP-P2 CS	14
L DSP-P1 MUTE	15	L DSP-P1 MUTE	15
L DSP-P2 MUTE	16	L DSP-P2 MUTE	16
DSP-P1 XLAT	17	DSP-P1 XLAT	17
DSP-P2 XLAT	18	DSP-P2 XLAT	18
SOG CS	19	SOG CS	19
AU-SFY CS	20	AU-SFY CS	20
FS CONT-P CS	21	FS CONT-P CS	21
DSP-P1 READY	22	DSP-P1 READY	22
DSP-P2 READY	23	DSP-P2 READY	23
DSP-R1 READY	24	DSP-R1 READY	24
DSP-R2 READY	25	DSP-R2 READY	25
GND	26	GND	26
R-FLTT1	27	R-FLTT1	27
MAKE FLTA	28	MAKE FLTA	28
GND	29	GND	29
GND	30	GND	30
PB DATA1	31	PB DATA1	31
PB BCK AU1	32	PB BCK AU1	32
PB LCK AU1	33	PB LCK AU1	33
PB 256 AU1	34	PB 256 AU1	34
PB DATA2	35	PB DATA2	35
PB BCK AU2	36	PB BCK AU2	36
PB LCK AU2	37	PB LCK AU2	37
PB 256 AU2	38	PB 256 AU2	38
GND	39	GND	39
GND	40	GND	40
DA P-TRCK	41	DA P-TRCK	41
DA P-TTCK	42	DA P-TTCK	42
P-TRKT1	43	P-TRKT1	43
P-HCK AUDIO	44	P-HCK AUDIO	44
P-FLTT1	45	P-FLTT1	45
P-FLTT2	46	P-FLTT2	46
P-FLTT3	47	P-FLTT3	47
P-FLTT4	48	P-FLTT4	48
GND	49	GND	49
GND	50	GND	50
CAP TRANSIENT	51	CAP TRANSIENT	51
CAPTAIN DIR DET	52	CAPTAIN DIR DET	52
GND	53	GND	53
CAP FG A PULSE	54	CAP FG A PULSE	54
AJ R-START4	55	AJ R-START4	55
AJ R-START3	56	AJ R-START3	56
AJ R-START2	57	AJ R-START2	57
AJ R-START1	58	AJ R-START1	58
AJ R-ADT4	59	AJ R-ADT4	59
AJ R-ADT3	60	AJ R-ADT3	60
AJ R-ADT2	61	AJ R-ADT2	61
AJ R-ADT1	62	AJ R-ADT1	62
AJ P-START4	63	AJ P-START4	63
AJ P-START3	64	AJ P-START3	64
AJ P-START2	65	AJ P-START2	65
AJ P-START1	66	AJ P-START1	66
AJ P-ADT4	67	AJ P-ADT4	67
AJ P-ADT3	68	AJ P-ADT3	68
AJ P-ADT2	69	AJ P-ADT2	69
AJ P-ADT1	70	AJ P-ADT1	70
GND	71	GND	71
VADVCS 1	72	VADVCS 1	72
SYCS1	73	SYCS1	73
VPCK1	74	VPCK1	74
DTCS10	75	DTCS10	75
DTCS11	76	DTCS11	76
DTCS12	77	DTCS12	77
DTCS13	78	DTCS13	78
DTCS14	79	DTCS14	79
DTCS15	80	DTCS15	80
DTCS16	81	DTCS16	81
DTCS17	82	DTCS17	82
GND	83	GND	83
GND	84	GND	84
REG +3V	85	REG +3V	85
REG +3V	86	REG +3V	86
REG +3V	87	REG +3V	87
REG +3V	88	REG +3V	88
REG +5V	89	REG +5V	89
REG +5V	90	REG +5V	90
REG +5V	91	REG +5V	91
REG +5V	92	REG +5V	92
UNREG +6.8V	93	UNREG +6.8V	93
UNREG +6.8V	94	UNREG +6.8V	94
UNREG +6.8V	95	UNREG +6.8V	95
UNREG +6.8V	96	UNREG +6.8V	96
GND	97	GND	97
GND	98	GND	98
GND	99	GND	99
GND	100	GND	100

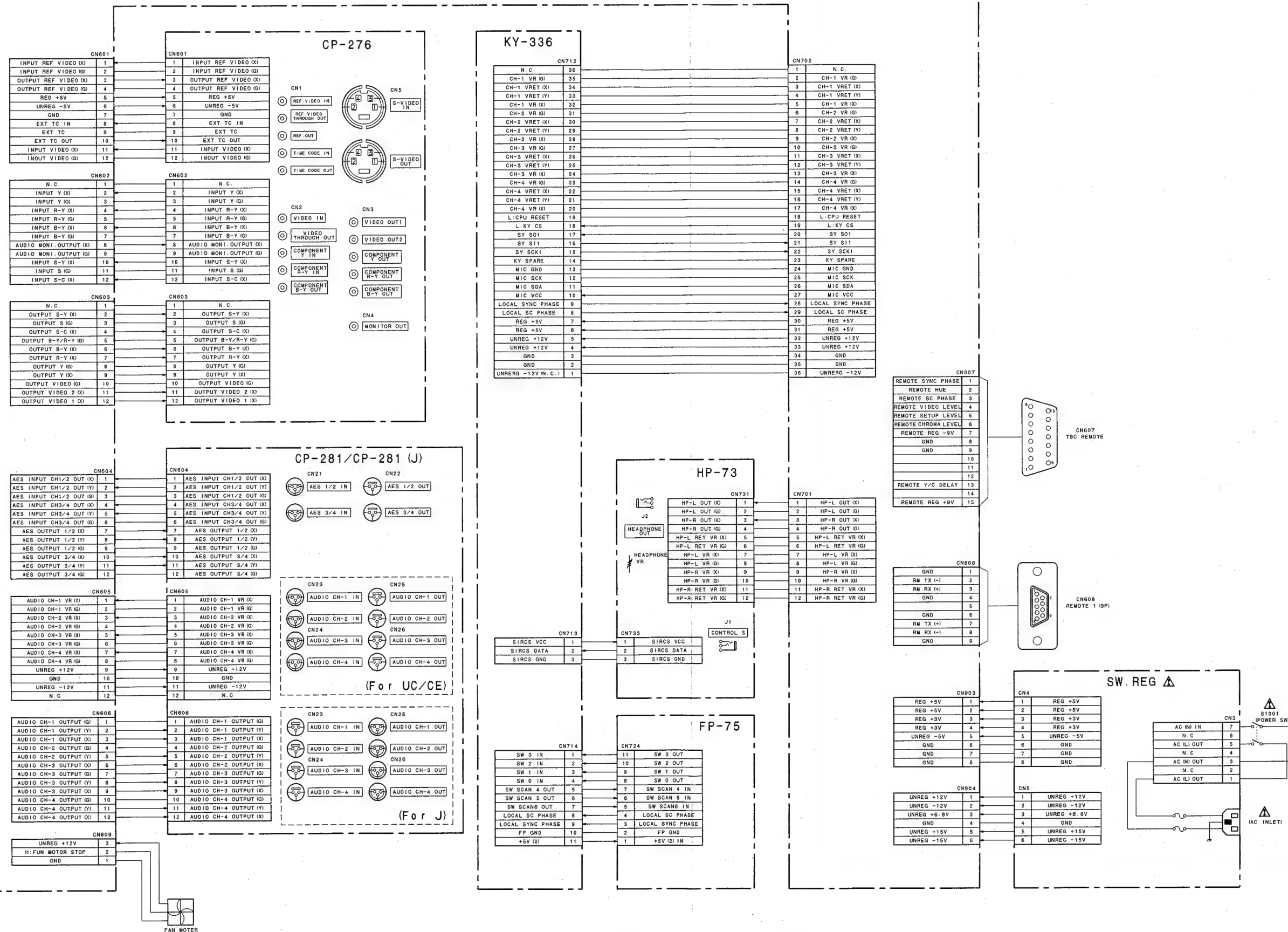
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CN104		CN104	
GND	1	GND	1
GND	2	GND	2
SP S06	3	SP S06	3
SP S03	4	SP S03	4
SP S16	5	SP S16	5
SP S13	6	SP S13	6
SP SCK6	7	SP SCK6	7
SP SCK3	8	SP SCK3	8
L AU RESET	9	L AU RESET	9
L FLTA ERR	10	L FLTA ERR	10
RC-R1 FS1	11	RC-R1 FS1	11
RC-R1 FS2	12	RC-R1 FS2	12
RC-R1 DEMP	13	RC-R1 DEMP	13
RC-R2 DEMP	14	RC-R2 DEMP	14
AU EDIT CS	15	AU EDIT CS	15
FS CONT OSD1 CS	16	FS CONT OSD1 CS	16
ADU-R1 CS	17	ADU-R1 CS	17
ADU-R2 CS	18	ADU-R2 CS	18
DSP-R1 CS	19	DSP-R1 CS	19
DSP-R2 CS	20	DSP-R2 CS	20
DSP-R1 XLAT	21	DSP-R1 XLAT	21
DSP-R2 XLAT	22	DSP-R2 XLAT	22



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## SECTION 12

### SEMICONDUCTOR PIN ASSIGNMENTS

ここに記載されている半導体は、それぞれの機能を等価的に表したものです。なお、互換性のない型名を併記していることがありますので、部品を交換するときは、Spare Partsの章を参照してください。

等価回路はICメーカーのデータブックに従いました。

Semiconductors of which functions are equivalent are described here. For parts replacement, refer to the section of Spare Parts in this manual. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

DIODE	Page	DIODE	Page	TRANSISTOR	Page	TRANSISTOR	Page
10E-2 .....	12-4	RD7.5ESB1 .....	12-4	2SA1020-Y .....	12-4	2SD1615A-T1GQGP .....	12-5
11E2-TB2 .....	12-4			2SA1020-Y-TPE6 .....	12-4	2SD1664-T101-R .....	12-5
1S2835-T1 .....	12-4	SB007-03CP .....	12-4	2SA1150 .....	12-4	2SD1669R .....	12-5
1S2836 .....	12-4	SB007-03CP-TB .....	12-4	2SA1162G .....	12-4	2SK322WQTL .....	12-5
1S2837-T1 .....	12-4	SB01-05CP .....	12-4	2SA1162G-TE85L .....	12-4	2SK322WRTL .....	12-5
1SS123-T1 .....	12-4	SB01-05CP-TB .....	12-4	2SA1163-G .....	12-4	2SK663 .....	12-5
1SS184 .....	12-4			2SA1163G-TE85L .....	12-4	2SK852-T1X3 .....	12-5
1SS187-TE85L .....	12-4	TLN115A .....	12-4	2SA1175-HFE .....	12-4		
1SS193 .....	12-4			2SA1175TP-HFE .....	12-4	DTA114EUA-T106 .....	12-5
1SS193-TE85L .....	12-4	UDZ-TE-17-2.0B .....	12-4	2SA1226-E4 .....	12-4	DTA144EKA-T146 .....	12-5
1SS223 .....	12-4	UDZ-TE-17-2.2B .....	12-4	2SA1226-T1E3E4 .....	12-4	DTA144EUA-T106 .....	12-5
1SS226 .....	12-4	UDZ-TE-17-5.1B .....	12-4	2SA1441-L .....	12-4	DTC114EU .....	12-5
1SS300-TE85L .....	12-4	UDZ-TE-17-6.2B .....	12-4	2SA1610-T1Y34 .....	12-4	DTC114EUA-T106 .....	12-5
1SS301-TE85L .....	12-4			2SA1610-Y33 .....	12-4	DTC144EUA-T106 .....	12-5
1SS302 .....	12-4			2SA1611-M5M6 .....	12-4		
1SS302-TE85L .....	12-4			2SA1611T1-M5M6 .....	12-4	FMS1 .....	12-5
1SS83 .....	12-4			2SB1094-L .....	12-5	FMS1-T-148 .....	12-5
1SS83TD .....	12-4			2SB1094-LK .....	12-5	FMS2 .....	12-6
1T363 .....	12-4			2SB1120-FG-TD .....	12-5	FMS2-T-148 .....	12-6
1T363A-M20-T8A .....	12-4			2SB1120-G .....	12-5	FMW-8 .....	12-6
				2SB1315 .....	12-5	FMW-8T148 .....	12-6
CL-150PG-CD .....	12-4			2SB1440S-TX .....	12-5	FMW1 .....	12-6
CL-150PG-CD-T .....	12-4			2SB810TP-E .....	12-4	FMW1-T-148 .....	12-6
CL-150R-CD .....	12-4			2SB941-P .....	12-5	FMW10 .....	12-6
CL-150R-CD-T .....	12-4			2SC1623 .....	12-5	FMW10-T148 .....	12-6
				2SC1623-T1-L5L6 .....	12-5	FMW2 .....	12-6
DA204U .....	12-4			2SC2223-F13 .....	12-5	FMW2-T-148 .....	12-6
DA204UT106 .....	12-4			2SC2223-T1F13 .....	12-5	FMW7 .....	12-6
DAN202U .....	12-4			2SC2655-Y .....	12-5	FMW7-T148 .....	12-6
DAN202UT106 .....	12-4			2SC2655-Y(TPE6) .....	12-5	FMY3 .....	12-6
DAP202U .....	12-4			2SC2712G-TE85L .....	12-5	FMY3-T-148 .....	12-6
DAP202UT106 .....	12-4			2SC3326N-A .....	12-5		
DTZ5.1B .....	12-4			2SC3326N-TE85L-AB .....	12-5	IMT1US .....	12-6
				2SC3356-K .....	12-5	IMT1US-T110 .....	12-6
GL480 .....	12-4			2SC3356-T1K .....	12-5	IMX1 .....	12-6
				2SC3392-6-TB .....	12-5	IMX1T110 .....	12-6
HSM88WK-TL .....	12-4			2SC3545-T1T43T44 .....	12-5	IMX4-T109 .....	12-6
				2SC3545-T43 .....	12-5	IMZ1 .....	12-6
KV1470 .....	12-4			2SC3692 .....	12-5	IMZ1T109 .....	12-6
KV1470TL00 .....	12-4			2SC3735-L-B35 .....	12-5		
				2SC3735-T1B-B34 .....	12-5	PT480 .....	12-6
MA141WK .....	12-4			2SC4176-B35 .....	12-5	PT483F1 .....	12-6
				2SC4176-T1B35 .....	12-5	PT483F1S .....	12-6
RD16SB2 .....	12-4			2SC4177-L6 .....	12-5		
RD16SB2-T1 .....	12-4			2SC4177-T1L5L6 .....	12-5	XP4401-TXE .....	12-6
RD2.0F-T7B1 .....	12-4			2SC4178-F13 .....	12-5		
RD2.0FB1 .....	12-4			2SC4213A-TE85L .....	12-5		
RD2.2M-T1B .....	12-4			2SD1020TP-E .....	12-5		
RD6.2M-B1 .....	12-4			2SD1021-F .....	12-5		
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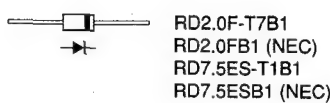
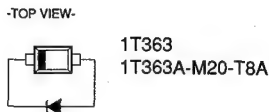
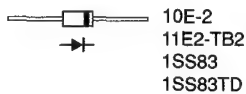


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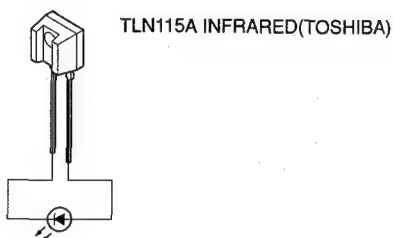
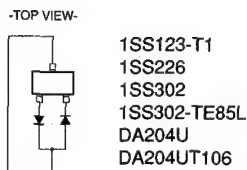
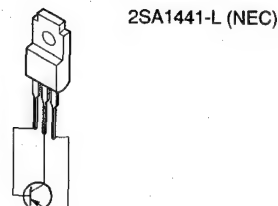
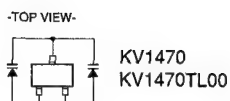
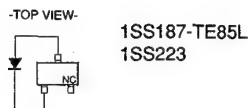
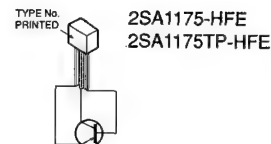
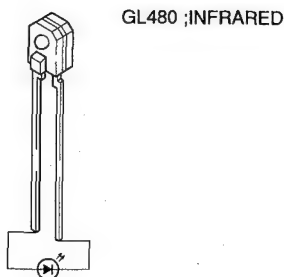
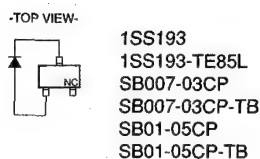
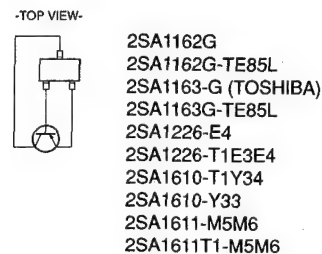
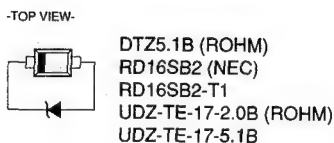
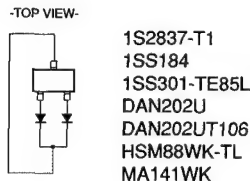
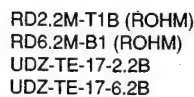
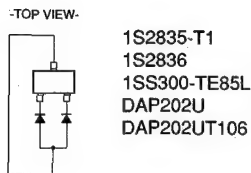
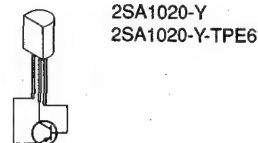


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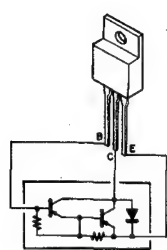
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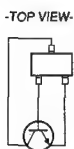
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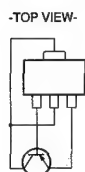


-TOP VIEW-

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2SC2223-T1F13  
2SC2712G-TE85L (TOSHIBA)  
2SC3326N-A (TOSHIBA)  
2SC3326N-TE85L-AB  
2SC3356-K  
2SC3356-T1K  
2SC3392-6-TB (SANYO)  
2SC3545-T1T43T44  
2SC3545-T43  
2SC3735-L-B35  
2SC3735-T1B-B34  
2SC4176-B35  
2SC4176-T1B35  
2SC4177-L6  
2SC4177-T1L5L6  
2SC4178-F13

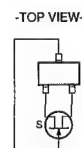


2SD1669R (SANYO)



-TOP VIEW-

2SB1120-FG-TD  
2SB1120-G (SANYO)  
2SB1440S-TX

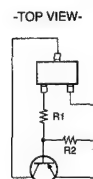


-TOP VIEW-

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2SK852-T1X3



2SC3692 (NEC)

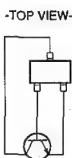


-TOP VIEW-

DTA114EUA-T106  
DTA144EKA-T146 (R1 = 47 K, R2 = 47 K)  
DTA144EUA-T106

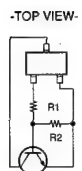


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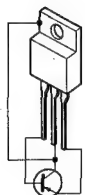
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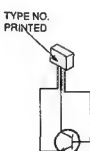


-TOP VIEW-

DTC114EU (R1=10K, R2=10K)  
DTC114EUA-T106  
DTC144EUA-T106 (R1 = 47 K, R2 = 47 K)



2SB941-P



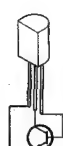
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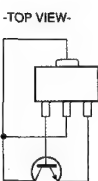


-TOP VIEW-

FMS1  
FMS1-T-148



2SC2655-Y (TOSHIBA)  
2SC2655-Y(TPE6)



-TOP VIEW-

2SD1615A-GP  
2SD1615A-T1GQGP (NEC)  
2SD1664-T101-R

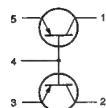




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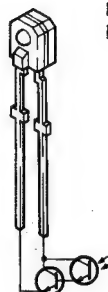
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FMS2-T-148



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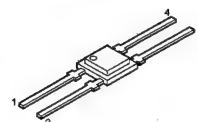


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IMT1US-T110

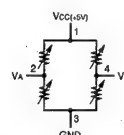


PT483F1  
PT483F1S

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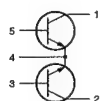
DM-230-1



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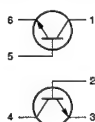
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FMW-8T148  
FMW1  
FMW1-T-148  
FMW10 (ROHM)  
FMW10-T148



-TOP VIEW-



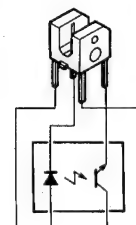
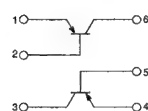
IMX1  
IMX1T110



-TOP VIEW-



XP4401-TXE

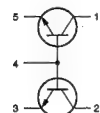


GP1S23

-TOP VIEW-



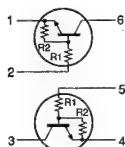
FMW2 (ROHM)  
FMW2-T-148



-TOP VIEW-



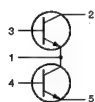
IMX4-T109 (ROHM)



-TOP VIEW-



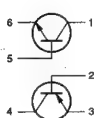
FMW7 (ROHM)  
FMW7-T148



-TOP VIEW-



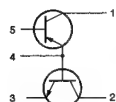
IMZ1  
IMZ1T109



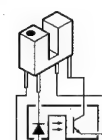
-TOP VIEW-



FMY3  
FMY3-T-148



PT480

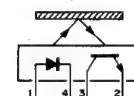


GP1S54

TOP VIEW



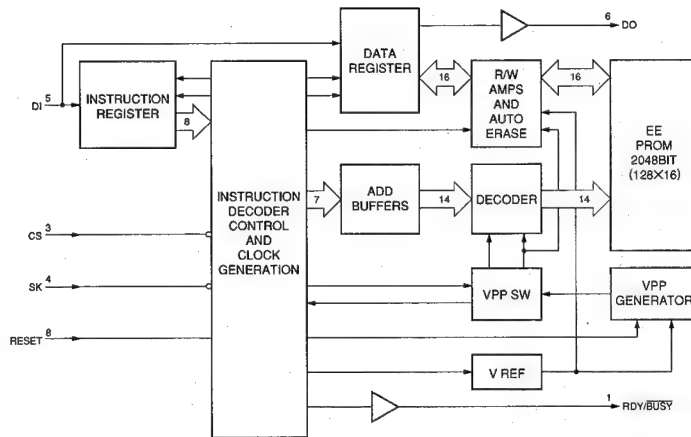
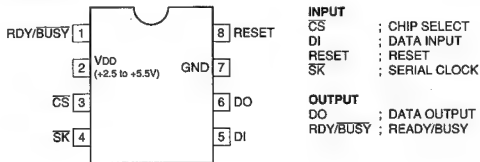
GP2S07B





IC

## AK6420HF-E2 (ASAHI KASEI MICRO SYSTEM)

C-MOS 2048 (128X16)-BIT ELECTRICALLY ERASABLE PROM  
-TOP VIEW-

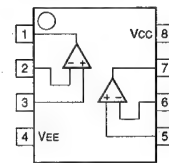
## BA10358F-E2 (ROHM) FLAT PACKAGE

UPC358G2-E2

UPC4572G2-E2 (NEC) FLAT PACKAGE

DUAL OPERATIONAL AMPLIFIERS  
(SINGLE-SUPPLY TYPE)

-TOP VIEW-



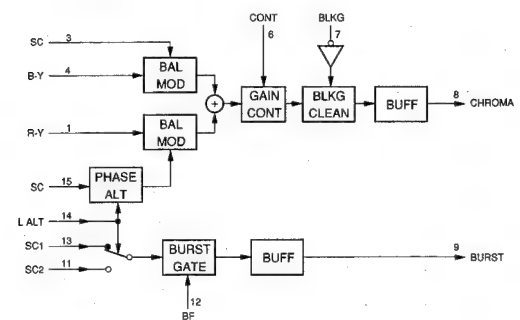
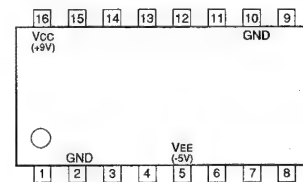
TYPE	VCC - VEE
828 TYPE	+5 to +36V
2244 TYPE	+2.5 to +36V
2904 TYPE	+3 to +24V
3404 TYPE	+4 to +32V
3414 TYPE	+3 to +10V
4572 TYPE	+4 to +14V
5216 TYPE	+4 to +32V
7022 TYPE	+3 to +16V
75W01 TYPE	+3 to +10V
33172 TYPE	+3 to +44V
OTHERS	+3 to +36V

## CX22017 (SONY)

CX22017-TH

VIDEO SIGNAL PROCESSOR

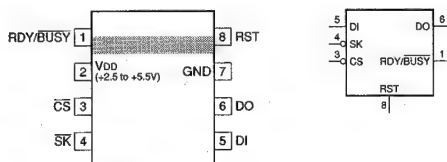
-TOP VIEW-



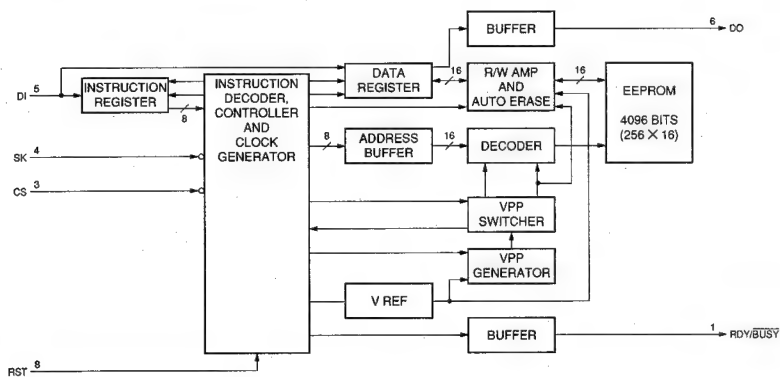
## AK6440HF-E2 (ASAHI KASEI)

C-MOS 4K(256X16)-BIT SERIAL EEPROM

-TOP VIEW-



CS : CHIP SELECT INPUT  
DI : SERIAL DATA INPUT  
DO : SERIAL DATA OUTPUT  
RDY/BUSY : READY/BUSY OUTPUT  
RST : RESET INPUT  
SK : SERIAL DATA CLOCK INPUT

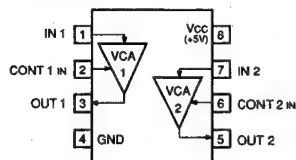




# C

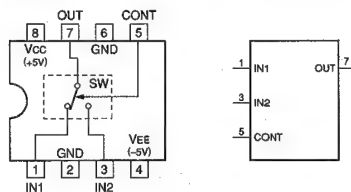
## CXA1211M (SONY) CXA1211M-T4

ELECTRONIC VOLUME  
- TOP VIEW -



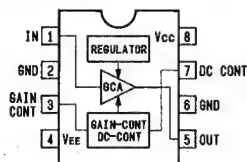
## CXA1450M-TH (SONY) FLAT PACKAGE

VIDEO SIGNAL SWITCH  
- TOP VIEW -



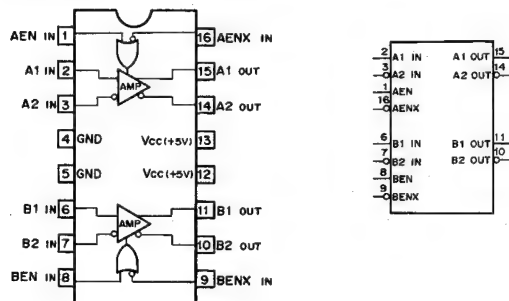
## CXA1521M-TH (SONY)

GAIN CONTROL AMP  
- TOP VIEW -



## CXA1777N-T4 (SONY) FLAT PACKAGE

DUAL DIFFERENTIAL PRE-AMPLIFIER  
- TOP VIEW -

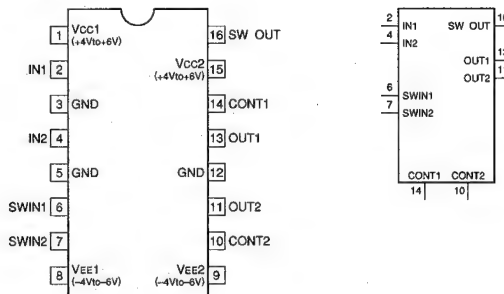


ENX	EN	OUTPUTS
0	X	OUT
X	1	OUT
1	0	HIGH-Z

0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DON'T CARE  
HIGH-Z : HIGH IMPEDANCE

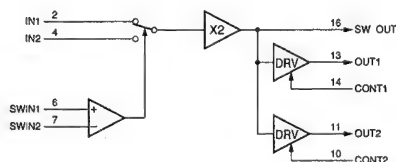
## CXA1451M (SONY) CXA1451M-TH

WIDEBAND VIDEO SWITCH  
- TOP VIEW -



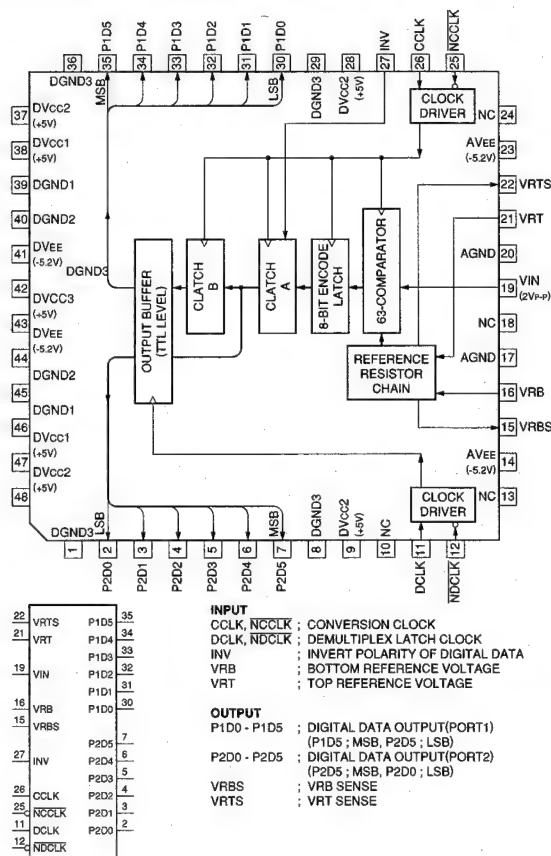
**INPUT**  
CONT1, 2 : POWER SAVE CONTROL PIN OF DRV. 1 AND DRV. 2  
INT1, 2 : 1/2-CHANNEL INPUT PIN  
SWIN1, 2 : IN1/IN2 PINS SWITCH CONTROL PIN

**OUTPUT**  
OUT1, 2 : OUTPUT PIN OF DRV. 1/2  
SWOUT : OUTPUTS IN1 PIN OR IN2 PIN WHICH HAS BEEN  
SELECTED BY SWITCH



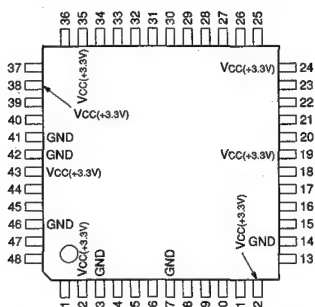
## CXA1866Q (SONY)

6-BIT 140MSPS FLASH A/D CONVERTER  
- TOP VIEW -

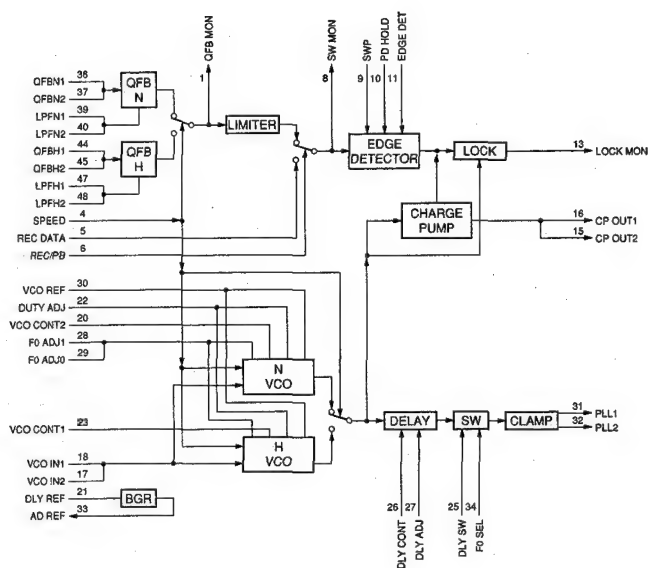
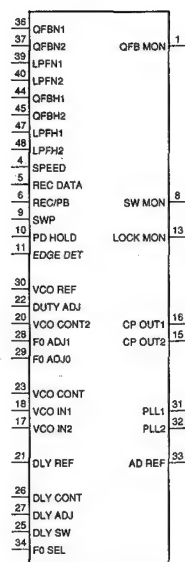




## CXA3058Q (SONY)

PHASE-LOCKED LOOP  
- TOP VIEW -

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	QFB MON	25	I	DLY SW
2	—	Vcc(+3.3V)	26	I	DLY CONT
3	—	Vcc(+3.3V)	27	I	DLY ADJ
4	I	SPEED	28	I	F0 ADJ1
5	I	REC DATA	29	I	F0 ADJ0
6	I	REC/PB	30	I	VCO REF
7	—	GND	31	O	PLL1
8	O	SW MON	32	O	PLL2
9	I	SWP	33	O	AD REF
10	I	PD HOLD	34	I	F0 SEL
11	I	EDGE DET	35	—	Vcc(+3.3V)
12	—	Vcc(+3.3V)	36	I	QFBN1
13	O	LOCK MON	37	I	QFBN2
14	—	GND	38	—	Vcc(+3.3V)
15	O	CP OUT2	39	I	LPFN1
16	O	CP OUT1	40	I	LPFN2
17	I	VCO IN2	41	—	GND
18	I	VCO IN1	42	—	GND
19	—	Vcc(+3.3V)	43	—	Vcc(+3.3V)
20	I	VCO CONT2	44	I	QFBH1
21	I	DLY REF	45	I	QFBH2
22	I	DUTY ADJ	46	—	GND
23	I	VCO CONT1	47	I	LPFH1
24	—	Vcc(+3.3V)	48	I	LPFH2



## INPUT

DLY ADJ	: DELAY ADJUSTMENT
DLY CONT	: DELAY CONTROL
DLY REF	: EXTERNAL REFERENCE CURRENT SOURCE
DLY SW	: OUTPUT POLARITY CONTROL (H : INVERT, L : NORMAL)
DUTY ADJ	: VCO DUTY ADJUST
EDGE DET	: EDGE PULSE WIDTH CONTROL
F0 ADJ1, F0 ADJ0	: FREE-RUN FREQUENCY ADJUSTMENT
F0 SEL	: FREE-RUN FREQUENCY SELECT
LPFN1, LPFH2	: LOW-PASS FILTER FOR THE QFB
LPFN1, LPFN2	: LOW-PASS FILTER FOR THE QFB
PD HOLD	: HOLD MODE SELECT (H : HOLD, L : NORMAL)
QFBH1, QFBH2	: PLAYBACK DATA INPUT
QFBN1, QFBN2	: PLAYBACK DATA INPUT
REC DATA	: RECORDING DATA
REC/PB	: REC/PB SELECTOR (H : REC, L : PB)
SPEED	: PLL SPEED SELECT
SWP	: SWITCHING PULSE
VCO CONT1, VCO CONT2	: VCO CENTER FREQUENCY CONTROL
VCO IN1, VCO IN2	: DIFFERENTIAL ERROR INPUT
VCO REF	: EXTERNAL REFERENCE CURRENT SOURCE

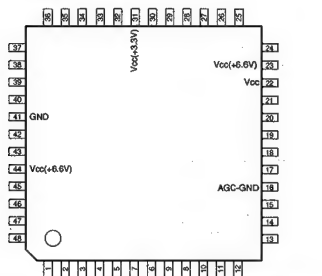
## OUTPUT

AD REF	: AD CONVERTER REFERENCE
CP OUT2, CP OUT1	: COMPARATOR OUTPUT
LOCK MON	: LOCK MONITOR
PLL1, PLL2	: PLL OUTPUT
QFB MON	: QUANTIZED FEEDBACK EQUALIZER MONITOR
SW MON	: SW MONITOR



## CXA3059Q (SONY)

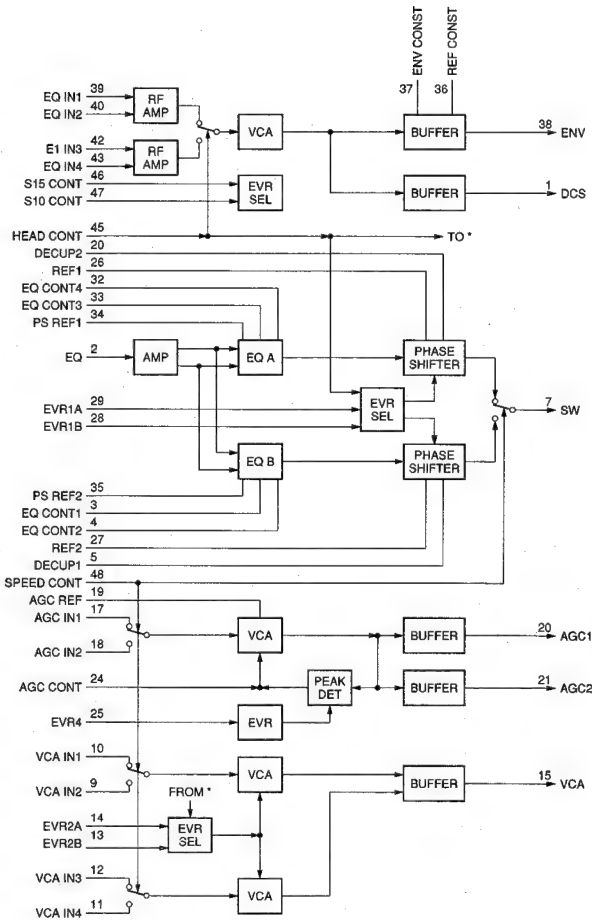
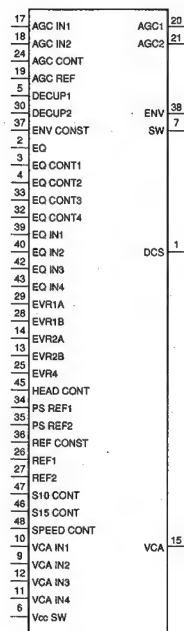
### RF EQUALIZER -TOP VIEW-



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	DCS	25	I	EVRA
2	I	EQ	26	I	REF1
3	I	EQ CONT1	27	I	REF2
4	I	EQ CONT2	28	I	EVRA
5	I	DECUP1	29	I	EVRA
6	I	Vcc SW	30	I	DECUP2
7	O	SW	31	I	Vcc(+3.3V)
8	I	GND	32	I	EQ CONT4
9	I	VCA IN2	33	I	EQ CONT3
10	I	VCA IN1	34	I	PS REF1
11	I	VCA IN4	35	I	PS REF2
12	I	VCA IN3	36	I	REF CONST
13	I	EVRA	37	I	ENV CONST
14	I	EVRA	38	O	ENV
15	O	VCA	39	I	EQ IN1
16	I	AGC-GND	40	I	EQ IN2
17	I	AGC IN1	41	I	GND
18	I	AGC IN2	42	I	EQ IN3
19	I	AGC REF	43	I	EQ IN4
20	O	AGC1	44	I	Vcc(+6.0V)
21	O	AGC2	45	I	HEAD CONT
22	I	Vcc	46	I	S15 CONT
23	I	Vcc(+6.0V)	47	I	S10 CONT
24	I	AGC CONT	48	I	SPEED CONT

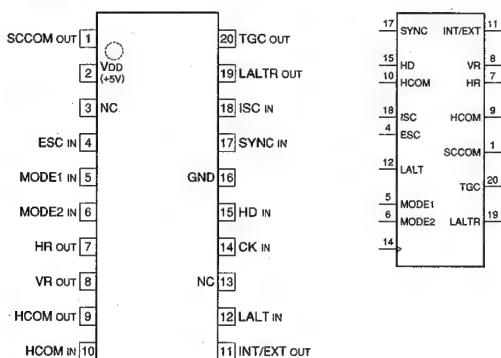
**INPUT**  
 AGC IN1, AGC IN2 : AGC INPUT  
 AGC CONT : AGC CONTROL  
 AGC REF : AGC REFERENCE  
 DECUP1, DECUP2 : EXTERNAL DECOUPLING CAPACITOR  
 ENV CONST : ENVELOPE TIME CONSTANT  
 EQ : EQUALIZER  
 EQ CONT1 - EQ CONT4 : EQUALIZER CONTROL  
 EQ IN1 - EQ IN4 : RF SIGNAL  
 EVRA, EVRA1B : ELECTRONIC VARIABLE RESISTOR  
 EVRA2, EVRA2B : ELECTRONIC VARIABLE RESISTOR  
 EVRA : ELECTRONIC VARIABLE RESISTOR  
 HEAD CONT : HEAD CHANNEL CONTROL  
 PS REF1, PS REF2 : POWER SUPPLY REFERENCE  
 REF CONST : REF TIME CONSTANT RESISTOR  
 SPEED CONT : SPEED CONTROL  
 VCA IN1 - VCA IN4 : VOLTAGE CONTROLLED AMPLIFIER INPUT

**OUTPUT**  
 AGC1, AGC2 : AUTOMATIC GAIN CONTROL  
 DCS : DC SERVO  
 ENV : RF ENVELOPE  
 SW : EQ-A OR EQ-B SELECTED SIGNAL  
 VCA : VOLTAGE CONTROLLED AMPLIFIER



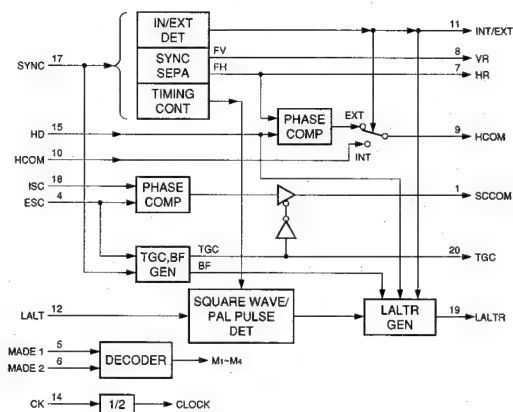
## CXD1216M (SONY) FLAT PACKAGE CXD1216M-TH

### C-MOS GENLOCK DRIVER -TOP VIEW-



INPUT	MODE1	MODE2	SYSTEM
0	0	M1	PAL-VBS
1	0	M2	PALM-VBS
0	1	M3	PAL-SECAM-VS/SC/LALT
1	1	M4	NTSC-VBS, NTSC-VS/SC PALM-VS/SC/LALT

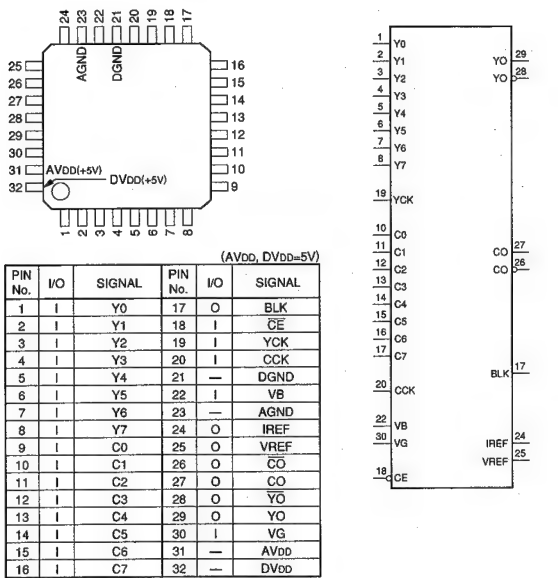
0 : LOW LEVEL  
 1 : HIGH LEVEL

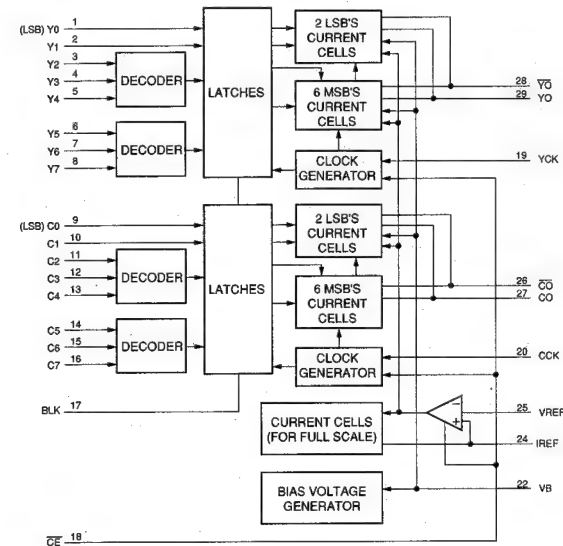
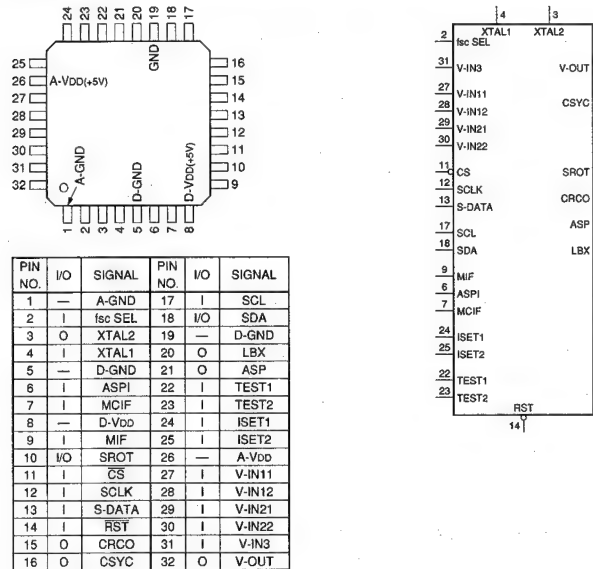


**INPUT**  
 CK : 4fsc CLOCK INPUT  
 ESC : SC/COLOR BURST  
 HCOM : PHASE COMPARE FROM CXD1217  
 HD : H DRIVE FROM CXD1217  
 ISC : SUBCARRIER FROM CXD1217  
 LALT : LALT FROM REFERENCE SIGNAL GENERATOR  
 MODE1,2 : SYSTEM SELECT  
 SYNC : SYNC FROM REFERENCE SIGNAL GENERATOR

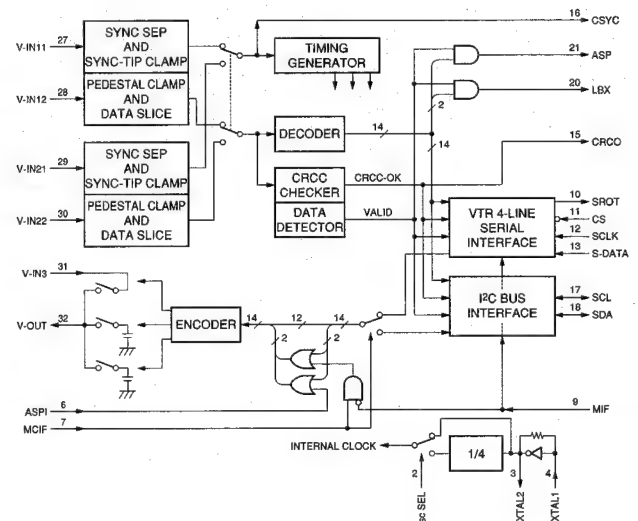
**OUTPUT**  
 HCOM : PHASE COMPARE HR WITH HD  
 HR : H OF SYNC SEPARATE  
 INT/EXT : INTERNAL/EXTERNAL SPECIFIED  
 LALTR : LINE CHANGE RESET  
 SCCOM : PHASE COMPARE ESC WITH ISC  
 TGC : TRISTATE CONTROL  
 VR : V OF SYNC SEPARATE



**CXD1177Q (SONY)**  
**CXD1177Q-T4**
**C-MOS Y/C 2 CHANNEL D/A CONVERTER**  
 -TOP VIEW-

**INPUT**  
 C0-C7 : C DATA  
 CCK : CHROMA CLOCK  
 CE : CHIP ENABLE  
 VB : BIAS VOLTAGE  
 VG : GND VOLTAGE  
 Y0-Y7 : Y DATA  
 YCK : LUMINANCE CLOCK

**OUTPUT**  
 BLK : BLANKING PULSE  
 CO, C0 : C DATA  
 IREF : CURRENT REFERENCE  
 VREF : VOLTAGE REFERENCE  
 YO, Y0 : Y DATA

**CXD2131Q-T4 (SONY)**
**C-MOS VIDEO ADDITIONAL DATA (ASPECT RATIO IDENTIFICATION) ENCODER/DECODER**  
 -TOP VIEW-

**INPUT**  
 ASPI : ASPECT SELECT (H = 16 : 9, L = 4 : 3)  
 CS : CHIP SELECT  
 fsc SEL : fsc/4fsc SELECT  
 ISET1, ISET2 : ANALOG BIAS CURRENT SETTING  
 MCIF : MICROCOMPUTER INTERFACE SELECT (L = PC, H = SERIAL)  
 MIF : MICROCOMPUTER INTERFACE SELECT (L = EXIST, H = NONE)  
 RST : RESET  
 SCL : I2C BUS CLOCK  
 SCLK : CLOCK  
 S-DATA : SERIAL DATA  
 TEST1, TEST2 : FOR TEST  
 V-IN11 : SYNC SEP INPUT  
 V-IN12 : DECODE DATA SLICER INPUT  
 V-IN21 : SYNC SEP INPUT  
 V-IN22 : DECODE DATA SLICER INPUT  
 V-IN3 : ENCODE INPUT  
 XTAL1 : CRYSTAL OSCILLATOR

**OUTPUT**  
 ASP : ASPECT (H = 16 : 9, L = 4 : 3)  
 CRCO : CRCC CHECK MONITORING  
 CSYC : COMPOSITE SYNC MONITORING  
 LBX : LETTER BOX (H = LETTER BOX, L = NORMAL)  
 V-OUT : ENCODE OUTPUT  
 XTAL2 : CRYSTAL OSCILLATOR

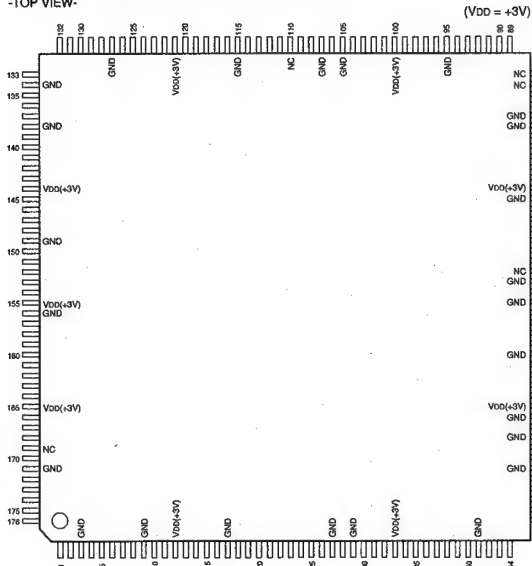
**INPUT/OUTPUT**  
 SDA : I2C BUS DATA  
 SROT : SERIAL INTERFACE OUTPUT TO THE MICROCOMPUTER




# CXD2187AR (SONY)

## SIGNAL PROCESSOR FOR THE DIGITAL VCR

-TOP VIEW-

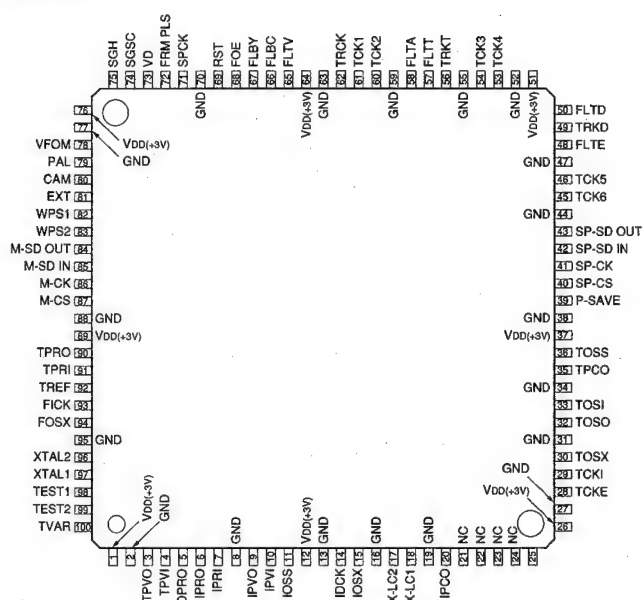


PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	SMD0	45	I	SDH	89	I/O	IDT15	133	I/O	IDT0
2	I	TMODE	46	O	SDO1	90	I/O	IDT14	134	-	GND
3	-	GND	47	I/O	SIO0	91	I	JSWP	135	I/O	FIDT2
4	O	ADRS4	48	O	DT0F	92	I/O	IDT13	136	I/O	FIDT1
5	O	ADRS5	49	I	RAMTEST	93	I/O	IDT12	137	I/O	FIDT0
6	O	ADRS6	50	-	GND	94	I/O	IDT11	138	-	GND
7	O	ADRS7	51	O	TRP	95	-	GND	139	I	BUFS
8	O	ADRS8	52	O	FRP	96	I/O	IDT10	140	I	AENA
9	-	GND	53	-	GND	97	I/O	IDT9	141	O	ASTART
10	O	RAS	54	I	VRCK	98	I/O	IDT8	142	O	ADTOT
11	O	UWE	55	-	GND	99	I/O	IDT7	143	I	ADTIN
12	-	VDD	56	-	VDD	100	-	VDD	144	-	VDD
13	O	LWE	57	O	DTSC0	101	I/O	IDT6	145	O	SPSI
14	I/O	W7	58	O	DTSC1	102	I/O	IDT5	146	I	SPSO
15	I/O	SIO7	59	O	DTSC2	103	I/O	IDT4	147	I	SPSCK
16	I/O	W6	60	O	DTSC3	104	I/O	IDT3	148	-	XRST
17	-	GND	61	-	GND	105	-	GND	149	-	GND
18	I/O	SIO6	62	O	DTSC4	106	I	TRCK	150	I	SPCS
19	I/O	SIO12	63	O	DTSC5	107	-	GND	151	I	MCSC
20	I/O	W13	64	O	DTSC6	108	I	FLTT	152	I	MCSC
21	I/O	SIO13	65	O	DTSC7	109	I	TRKT	153	I	MCSC
22	I/O	W14	66	-	GND	110	-	NC	154	O	MCSI
23	I/O	SIO14	67	I	VPCK	111	O	IENPA	155	-	VDD
24	I/O	W15	68	-	GND	112	O	IENPV	156	-	GND
25	I/O	SIO15	69	-	NC	113	O	IOEC	157	I/O	W12
26	O	SE	70	I	SYCS	114	O	BUFS	158	I/O	SIO11
27	-	GND	71	I	SCDVCS	115	-	GND	159	I/O	W11
28	O	SC	72	I	VADVCS	116	I/O	FIDT15	160	I/O	SIO10
29	-	GND	73	I	DTCS0	117	I/O	FIDT14	161	I/O	W10
30	I/O	W5	74	I	DTCS1	118	I/O	FIDT13	162	I/O	SIO9
31	I/O	SIO5	75	I	DTCS2	119	I/O	FIDT12	163	I/O	W9
32	I/O	W4	76	-	GND	120	I/O	FIDT11	164	I/O	SIO8
33	-	VDD	77	-	VDD	121	-	VDD	165	-	VDD
34	I/O	W3	78	I	DTCS3	122	I/O	FIDT10	166	I/O	W8
35	I/O	W2	79	I	DTCS4	123	I/O	FIDT9	167	O	DSF
36	I/O	SIO3	80	I	DTCS5	124	I/O	FIDT8	168	O	CAS
37	I/O	W2	81	I	DTCS6	125	I/O	FIDT7	169	-	NC
38	I/O	SIO2	82	I	DTCS7	126	I/O	FIDT6	170	O	ADRS0
39	-	GND	83	-	GND	127	-	GND	171	-	GND
40	I/O	W1	84	-	GND	128	I/O	FIDT5	172	O	ADRS1
41	I/O	SIO1	85	I	TBCRE	129	I/O	FIDT4	173	O	ADRS2
42	I/O	W0	86	I	BANK	130	I/O	FIDT3	174	O	ADRS3
43	I	ACLK1	87	-	NC	131	I/O	IDT2	175	I	IDSL1
44	I	BCLK1	88	-	NC	132	I/O	IDT1	176	I	IDSL0

# CXD2191R-T6 (SONY)

## C-MOS CLOCK/TIMING GENERATOR

-TOP VIEW-



68	RST	VCOM	78
69	M-SD IN	PAL	79
70	M-CK	CAM	80
71	M-CS	EXT	81
72	SPCK	WPS1	82
73	FRM PLS	WPS2	83
74	VD	M-SD OUT	84
75			
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## INPUT

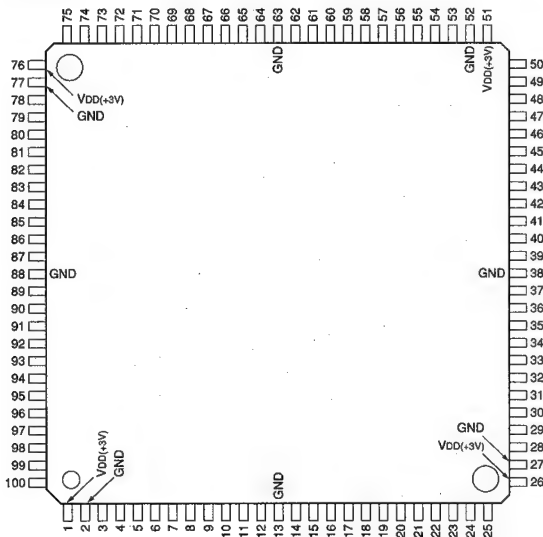
EX-LC1	: EXTERNAL LC RESONATOR
FICK	: 13.5MHz OSCILLATOR
FLTE	: REFERENCE FRAME PULSE FOR THE INDI MODE
FOE	: REFERENCE FRAME PULSE FOR THE LINE & CAMERA MODE
FRM PLS	: FRAME PULSE FOR THE AFC
IDCK	: FRAME LOCKED 13.5MHz CLOCK
IOSS	: FRAME LOCKED 13.5MHz DIRECT OR 1/2 SELECT
IPRI	: PILOT REFERENCE
IPVI	: PILOT REFERENCE FEEDBACK
M-CK	: DATA TRANSFER CLOCK
M-CS	: CHIP SELECT
M-SD IN	: SERIAL DATA
P-SAVE	: POWER SAVE
RST	: RESET
SPCK	: HORIZONTAL LOCKED CLOCK (13.5kHz)
SP-CK	: DATA TRANSFER CLOCK
SP-CS	: CHIP SELECT
SP-SD IN	: SERIAL DATA
TCKE	: TRCK BUFFER FOR THE TCK5 & 6
TCK1	: TRCK BUFFER FOR THE TCK1 - 4
TOSI	: EXTERNAL LC RESONATOR
TOSS	: EXTERNAL LC RESONATOR DIRECT OR 1/2 SELECT
TPRI	: EXTERNAL PLL REFERENCE FOR THE TRCK PLL
TPVI	: TRCK PILOT FEEDBACK
TRCK	: TRCK CLOCK
VD	: VERTICAL PULSE FOR THE AFC
XTAL1	: 13.5MHz EXTERNAL CRYSTAL OSCILLATOR

## OUTPUT

CAM	: STATUS (L = LINE, H = CAM)
DPRO	: DRUM REFERENCE PROTECTION
EX-LC2	: EXTERNAL LC RESONATOR
EXT	: STATUS (L = INT, H = EXT)
FLBC	: FRAME PULSE FOR THE BLK-C DATA IN PB MODE
FLBY	: FRAME PULSE FOR THE BLK-Y DATA IN PB MODE
FLTA	: FRAME PULSE FOR THE RECORDING AUDIO
FLTD	: FRAME PULSE FOR THE MECHANICAL & SPEED CONTROLLERS
FLTT	: FRAME PULSE FOR THE DESHUFFLE MEMORY
FLTV	: FRAME PULSE FOR THE BLK-MEMORY
FOSX	: EXTERNAL CRYSTAL OSCILLATOR BUFFERED OUTPUT
IPCO	: CHARGE PUMP OUTPUT FOR THE IDCK PLL
IOSX	: IDCK PLL OSCILLATOR
IPRO	: PILOT REFERENCE SIGNAL FOR THE IDCK PLL
IPVO	: PILOT FEEDBACK SIGNAL
M-SD OUT	: SERIAL DATA FOR THE MODE CONTROLLER
PAL	: STATUS (L = NTSC, H = PAL)
SGH	: JSG HORIZONTAL PULSE IN PLAYBACK MODE
SGSC	: JSG ODD/EVEN IN PLAYBACK MODE
SP-SD OUT	: SERIAL DATA FOR THE SPEED CONTROLLER
TCK1 - TCK6	: TRCK CLOCK BUFFERS
TOSO	: EXTERNAL LC RESONATOR FOR THE TRCK PLL
TOSX	: TRCK PLL OSCILLATOR
TPCO	: CHARGE PUMP FOR THE TRCK PLL
TPVO	: PILOT FEEDBACK SIGNAL FOR THE TRCK PLL
TPRO	: EXTERNAL PLL REFERENCE SIGNAL FOR THE TRCK PLL
TREF	: REFERENCE PULSE FOR THE FRAME PLL
TRKD	: TRACK PULSE FOR THE MECHANICAL & SPEED CONTROLLERS
TRKT	: TRACK PULSE FOR THE DESHUFFLE MEMORY
TVAR	: FRAME PLL FEEDBACK PULSE (FOR OPERATION CHECK)
VCOM	: STATUS
WPS1	: STATUS
WPS2	: STATUS
XTAL2	: 13.5MHz EXTERNAL CRYSTAL OSCILLATOR



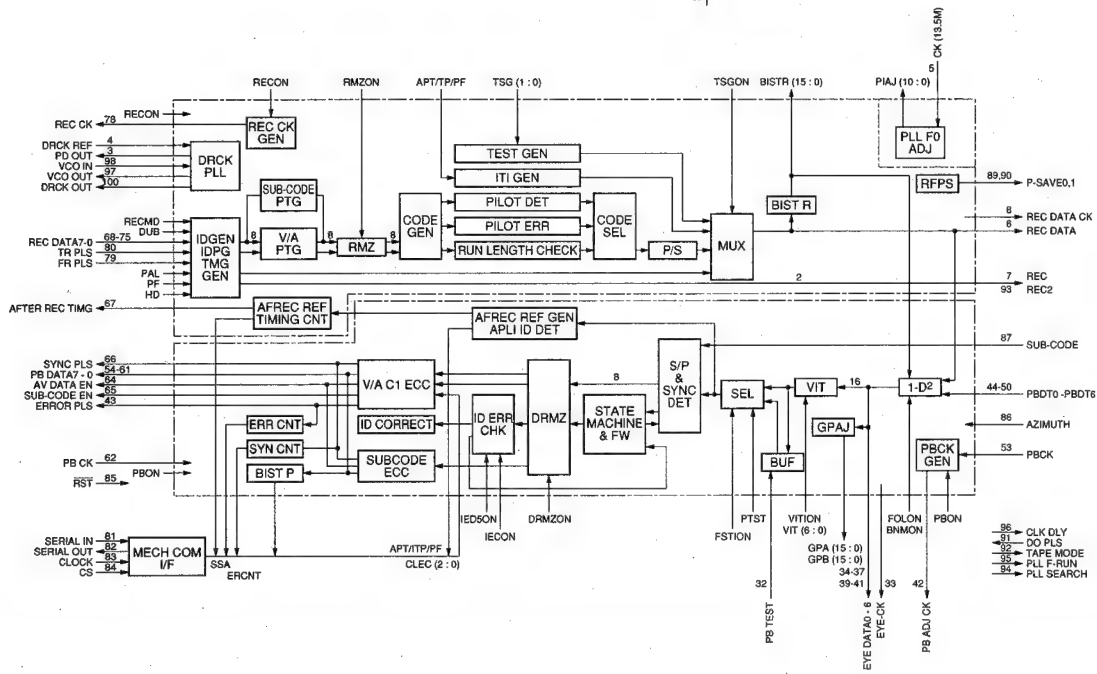
## CXD2189AR-T6 (SONY)

C-MOS CHANNEL ENCODER/DECODER(FOR DIGITAL VCR)  
-TOP VIEW-

4	DRCK REF	PD OUT	3	INPUT	
98	VCO IN	VCO OUT	97	AZIMUTH	; AZIMUTH ID SIGNAL
68	REC DATA7	DRCK OUT	100	CK (13.5M)	; 13.5MHz PLL ADJUSTING CLOCK
69	REC DATA8	P-SAVE0	89	CLOCK	; MICROCOMPUTER CLOCK INPUT
70	REC DATA5	P-SAVE1	90	CS	; MICROCOMPUTER CHIP SELECT
71	REC DATA4	REC DATA CK	8	DO PLS	; DROPOUT PULSE
72	REC DATA3	REC DATA	6	DRCK REF	; DRCK CLOCK REFERENCE
73	REC DATA2	REC	7	FR PLS	; FRAME PULSE
74	REC DATA1	REC2	93	PBDT0 - 6	; PLAYBACK DATA
75	REC DATA0	REC CK	78	PB CK IN	; PLAYBACK CLOCK INPUT
79	FR PLS			RST	; SYSTEM RESET (L = RESET)
80	TR PLS	CLK DLY	96	SERIAL IN	; MICROCOMPUTER SERIAL DATA INPUT
87	SUB-CODE	TAPE MODE	92	SUB-CODE	; SUB-CODE AREA SIGNAL
44	PBDT0	PLL-SEARCH	94	TEST SEL0, 1	; TEST SIGNAL MODE
45	PBDT1	PLL F-RUN	95	TR PLS	; TRACK PULSE
46	PBDT2	AFTER REC TIMG	97	VCO IN	; DRCK PLL OSCILLATOR INPUT
47	PBDT3	PB DATA 7	54		
48	PBDT4	PB DATA 6	55		
49	PBDT5	PB DATA 5	56		
50	PBDT6	PB DATA 4	57		
53	AZIMUTH	PB DATA 3	58		
91	DO PLS	PB DATA 2	59		
		PB DATA 1	60		
		PB DATA 0	61		
		SYNC PLS	65		
5	CK(13.5M)	SUB-CODE EN	64		
		AV DATA EN	64		
		ERROR PLS	43		
		PB CK OUT	62		
81	SERIAL IN	SERIAL OUT	82		
83	CLOCK	EYE DATA 0	34		
84		EYE DATA 1	35		
		EYE DATA 2	36		
		EYE DATA 3	37		
		EYE DATA 4	38		
		EYE DATA 5	39		
		EYE DATA 6	40		
		EYE DATA 7	41		
		EYE DATA 8	42		
		PB ADJ CK	43		
		ERROR PLS	43		
9	TEST SEL0	PB TEST	32		
10	TEST SEL1	TEST0	11		
		TEST1	12		
		TEST2	13		
		TEST3	14		
		TEST4	15		
		TEST5	16		
		TEST6	17		
		TEST7	18		
		TEST8	19		
		TEST9	20		
		TEST10	21		
		RST	85		

AFTER REC TIMG	; AFTER RECORDING TIMING
AV DATA EN	; AUDIO/VIDEO DATA ENABLE PERIOD (H = ENABLE)
CLK DLY	; DRCK CLOCK DELAY ROUGH ADJUSTMENT
DRCK OUT	; DRCK PLL OUTPUT
EYE CK	; EYE-PATTERN CHECK CLOCK (TEST DATA)
EYE DATA 0-6	; EYE-PATTERN CHECK DATA (TEST DATA)
ERROR PLS	; ERROR PULSE
PB ADJ CK	; 1/25 PLAYBACK CLOCK (FOR ADJUSTMENT)
PB CK OUT	; PLAYBACK CLOCK OUTPUT
PB DATA 0-7	; PLAYBACK DATA
PD OUT	; DRCK PLL PHASE DETECT
PLL F-RUN	; PLL FREE-RUN MODE
PLL-SEARCH	; PLL HIGH-SPEED SEARCH MODE
P-SAVE0, 1	; POWER SAVE (P-SAVE0 = EVEN CH, P-SAVE1 = ODD CH)
REC	; RECORDING PERIOD
REC2	; RECORDING PERIOD
REC CK	; RECORDING SYSTEM CLOCK (5MHz)
REC DATA	; RECORDING DATA
REC DATA 0-7	; RECORDING DATA
REC DATA CK	; CLOCK (41.85MHz) FOR RECORDING DATA
SERIAL OUT	; MICROCOMPUTER SERIAL DATA OUTPUT
SUB CODE EN	; SUB-CODE ENABLE PERIOD (H = ENABLE)
SYNC PLS	; SYNC PULSE
TAPE MODE	; EQ MP TAPE MODE
VCO OUT	; DRCK PLL OSCILLATOR OUTPUT

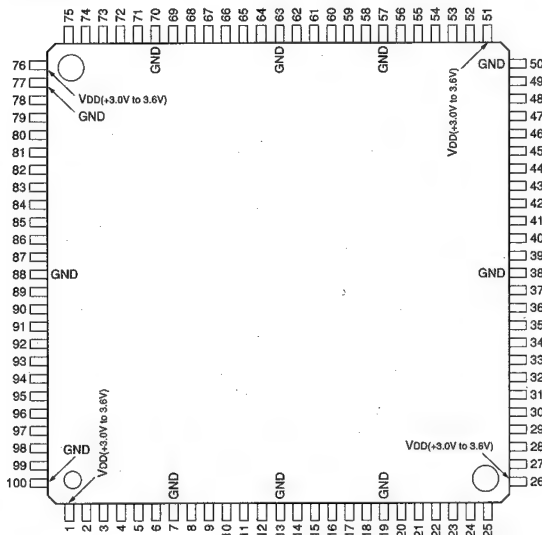
INPUT/OUTPUT  
PB TEST ; TEST SIGNAL I/O FOR PLAYBACK SYSTEM





# CXD2190R-T6 (SONY)

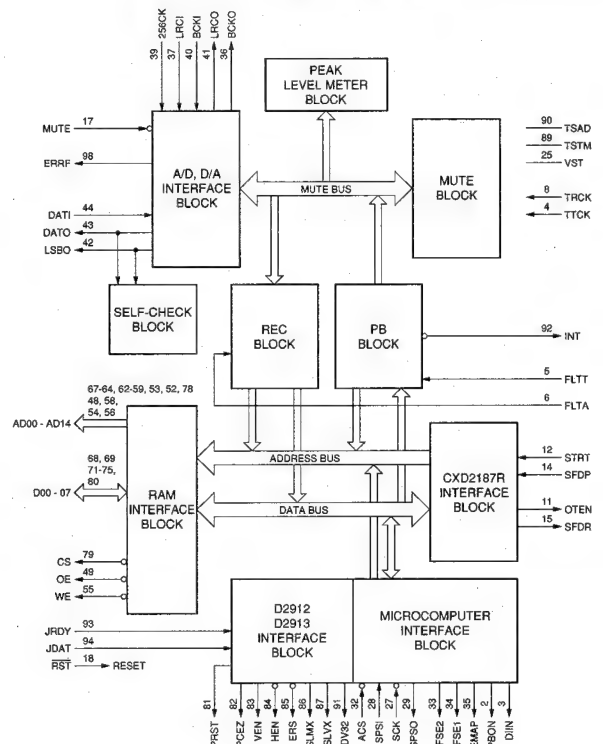
## DIGITAL VCR AUDIO REC/PB SIGNAL PROCESSOR -TOP VIEW-



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	35	O	EMAP	69	I/O	D01
2	O	PBON	36	O	BCKO	70	—	GND
3	O	DIIN	37	I	LRCI	71	I/O	D02
4	I	TTCK	38	—	GND	72	I/O	D03
5	I	FLTT	39	I	256CK	73	I/O	D04
6	I	FLTA	40	I	BCKI	74	I/O	D05
7	—	GND	41	O	LRCO	75	I/O	D06
8	I	TRCK	42	O	LSBO	76	—	VDD
9	I/O	TSDA	43	O	DATO	77	—	GND
10	I/O	TSCK	44	I	DATI	78	O	AO10
11	O	OTEN	45	O	DSPO	79	O	CS
12	I	STRT	46	O	ATC	80	I/O	D07
13	—	GND	47	O	ATLT	81	O	PRST
14	I	SFDP	48	O	AO11	82	O	PCEZ
15	O	SFDR	49	O	OE	83	O	VEN
16	I	P-SAVE	50	—	GND	84	O	HEN
17	I	MUTE	51	—	VDD	85	O	ERS
18	I	RST	52	O	AO09	86	O	SLMX
19	—	GND	53	O	AO08	87	O	SLVX
20	—	BC	54	O	AO13	88	—	GND
21	—	TCK	55	O	WE	89	I	TSTM
22	—	TDI	56	O	AO14	90	I	TSAD
23	—	TENA1	57	—	GND	91	O	DV32
24	—	TDO	58	O	AO12	92	O	INT
25	I	VST	59	O	AO07	93	I	JRDY
26	—	VDD	60	O	AO06	94	I	JDAT
27	I	SCK	61	O	AO05	95	O	TNOM
28	I	SPSI	62	O	AO04	96	O	TSTN
29	O	SPSO	63	—	GND	97	O	TBIS
30	I	DSP	64	O	AO03	98	O	ERRF
31	I	ATT	65	O	AO02	99	I/O	TSG
32	I	ACS	66	O	AO01	100	—	GND
33	O	FSE2	67	O	AO00			
34	O	FSE1	68	I/O	D00			

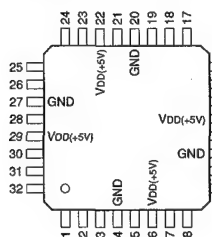
39	256CK	ERRF	98	INPUT	
37	LRCI	LRCO	41	256CK	: 256fs CLOCK INPUT
40	BCKI	BCKO	36	ACS	: COMMUNICATION CHIP SELECT (L = ACTIVE) INPUT
17	MUTE	LSBO	42	ATT	: AUTO ATTENUATION INTERFACE CHIP SELECT INPUT
44	DATI	DATO	43	BCKI	: 64fs INPUT
5	FLTT	INT	92	DATI	: AUDIO DATA INPUT
6	FLTA			DSP	: ADSP INTERFACE CHIP SELECT INPUT
12	STRT	OTEN	11	FLTA	: FRAME SIGNAL FOR RECORDING INPUT
14	SFDP	SFDR	15	FLTT	: FRAME SIGNAL FOR TRANSMISSION AND PLAYBACK INPUT
20	BC	CS	29	JDAT	: EXTERNAL DEVICE INTERFACE INPUT
21	TCK	OE	49	JRDY	: EXTERNAL DEVICE INTERFACE INPUT
22	TDI	WE	25	LRCI	: fs CLOCK INPUT
23	TENA1	AO00	67	MUTE	: DIRECT MUTE INPUT (L = MUTE)
24	TDO	AO01	86	P-SAVE	: POWER SAVE INPUT (L = POWER SAVE)
25	VST	AO02	85	RST	: RESET INPUT (L = RESET)
89	TSTM	AO03	64	SCK	: SYSTEM CLOCK INPUT
90	TSAD	AO04	62	SFDP	: PLAYBACK DATA INPUT
8	TRCK	AO05	61	SPSI	: COMMUNICATION DATA INPUT
4	TTCK	AO06	60	STRT	: REC/PB DATA COMMUNICATION START PULSE INPUT
		AO07	59	TRCK	: MAIN CLOCK INPUT (NTSC = 18.1259MHz, PAL = 18.144MHz)
		AO08	53	TSAD	: FOR TEST
		AO09	52	TSTM	: FOR TEST
		AO10	78	TTCK	: AUTO ATTENUATION AND ADSP INTERFACE CLOCK INPUT
		AO11	48	VST	: FOR TEST
		AO12	58		
		AO13	54		
		AO14	56		
		D00	68	OUTPUT	
		D01	69	ATC	: AUTO ATTENUATION INTERFACE CLOCK OUTPUT
		D02	71	ATLT	: AUTO ATTENUATION INTERFACE LATCH PULSE OUTPUT
		D03	72	AO00 - AO14	: EXTERNAL RAM ADDRESS OUTPUT
		D04	73	BCKO	: 64fs OUTPUT
		D05	74	CS	: EXTERNAL RAM CHIP SELECT SIGNAL OUTPUT
		D06	75	PBON	: MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT0)
		D07	76	DATO	: AUDIO DATA OUTPUT
		D08	77	DIIN	: MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT1)
		D09	78	DSPO	: ADSP INTERFACE CLOCK OUTPUT
		D10	79	DV32	: EXTERNAL DEVICE INTERFACE OUTPUT
		D11	80	EMPA	: MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT3)
		D12	81	ERRF	: PB AUDIO DATA ERROR ID SIGNAL OUTPUT
		D13	82	ERS	: EXTERNAL DEVICE RESET OUTPUT
		D14	83	FSE1, FSE2	: MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT4, 5)
		D15	84	HEN	: EXTERNAL DEVICE INTERFACE OUTPUT
		D16	85	INT	: PHASE COMPARTOR CLOCK OUTPUT
		D17	86	LRCO	: fs OUTPUT
		D18	87	LSBO	: AUDIO DATA OUTPUT (LSB FIRST)
		D19	88	OE	: EXTERNAL RAM OUTPUT ENABLE SIGNAL OUTPUT
		D20	89	OTEN	: ENABLE OUTPUT FOR RECORDING DATA TRANSMISSION
		D21	90	PCEZ	: EXTERNAL DEVICE INTERFACE OUTPUT
		D22	91	PRST	: EXTERNAL DEVICE INTERFACE OUTPUT
		D23	92	SFDR	: RECORDING DATA OUTPUT
		D24	93	SLVX	: EXTERNAL DEVICE INTERFACE OUTPUT
		D25	94	SLXM	: EXTERNAL DEVICE INTERFACE OUTPUT
		D26	95	SPSO	: COMMUNICATION DATA OUTPUT
		D27	96	TBIS	: FOR TEST
		D28	97	TNOM	: FOR TEST
		D29	98	TSTN	: FOR TEST
		D30	99	VEN	: EXTERNAL DEVICE INTERFACE OUTPUT
		D31	100	WE	: EXTERNAL RAM WRITE ENABLE SIGNAL OUTPUT

D00 - D07	: EXTERNAL RAM DATA INPUT/OUTPUT
TSCK	: FOR TEST
TSDA	: FOR TEST
TSG	: FOR TEST

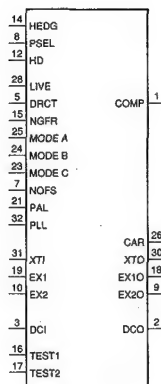




## CXD2192Q-T4 (SONY)

C-MOS PLL FOR NTSC/PAL VIDEO SIGNAL  
-TOP VIEW-

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	COMP	17	I	TEST2
2	O	DCO	18	O	EX1O
3	I	DCI	19	I	EX1
4	-	GND	20	-	GND
5	I	DRCT	21	I	PAL
6	-	VDD(+5V)	22	-	VDD(+5V)
7	I	NOFS	23	I	MODE C
8	I	PSEL	24	I	MODE B
9	O	EX2O	25	I	MODE A
10	I	EX2	26	O	CAR
11	-	GND	27	-	GND
12	I	HD	28	I	LIVE
13	-	VDD(+5V)	29	-	VDD(+5V)
14	I	HEDG	30	O	XTO
15	I	NGFR	31	I	XTI
16	I	TEST1	32	I	PLL



## INPUT

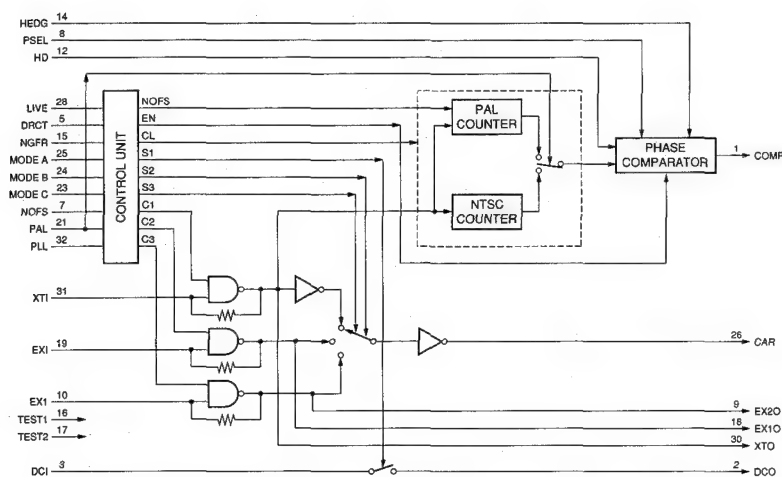
DCI : DC VOLTAGE (FOR FREERUN)  
 DRCT : FOR TEST (H : NORMAL)  
 EX1 : 1st EXTERNAL CLOCK  
 EX2 : 2nd EXTERNAL CLOCK  
 HEDG : PHASE COMPARATOR TRIGGER EDGE SELECT  
 (H : RISE EDGE OF HD)  
 (L : FALL EDGE OF HD)  
 HD : HD  
 LIVE : POWER SAVE MODE SELECT  
 (H : NORMAL, L : POWER SAVE)  
 MODE A, B : MODE CONTROL  
 MODE C : FOR TEST (L : NORMAL)  
 NGFR : FOR TEST (L : NORMAL)  
 NOFS : FRAME OFFSET SELECT (H : OFF, L : ON)  
 PAL : PAL/NTSC SELECT (H : PAL, L : NTSC)  
 PSEL : PHASE COMPARATOR OUTPUT POLARITY SELECT  
 TEST1, 2 : FOR TEST (L : NORMAL)  
 XTI : 4fsc OSCILLATOR

## OUTPUT

CAR : 4fsc  
 COMP : PHASE COMPARATOR  
 DCO : DC VOLTAGE OUTPUT (FOR FREERUN)  
 EX1O : 1st EXTERNAL CLOCK  
 EX2O : 2nd EXTERNAL CLOCK  
 XTO : 4fsc OSCILLATOR

## I/O

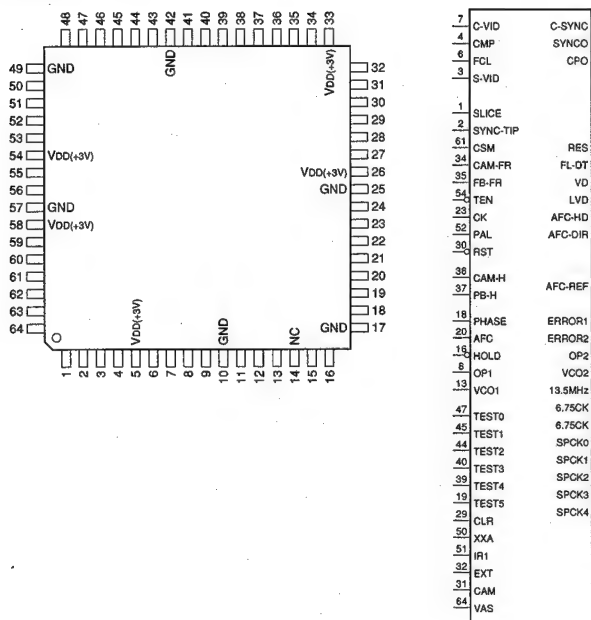
PLL : FOR TEST (L : NORMAL)





# CXD2193AR-ER (SONY)

C-MOS AFC FOR SYNC SIGNAL  
-TOP VIEW-



## INPUT

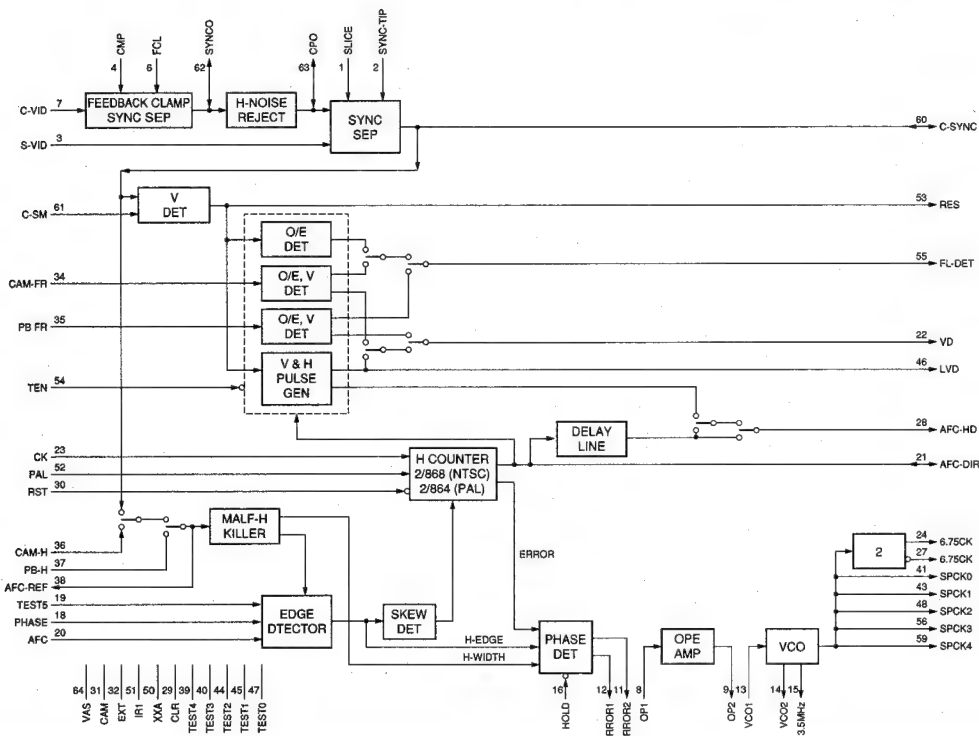
AFC : AFC LOCK PHASE ADJUSTMENT INPUT  
CAM : CAMERA/LINE SELECT INPUT (H = CAMERA, L = LINE)  
CAM-FR : FRAME SIGNAL IN CAMERA INPUT MODE  
CAM-H : H SYNC INPUT IN CAMERA INPUT MODE  
CK : MASTER CLOCK INPUT (6.75MHz)  
CLR : DIRECT CLEAR INPUT  
CMP : SLICE LEVEL OF THE FEEDBACK CLAMP SYSTEM  
CSM : ABNORMAL SIGNAL COMPENSATOR ON/OFF (H = ON, L = OFF)  
C-VID : VIDEO INPUT OF THE FEEDBACK CLAMP SYSTEM  
EXT : EXTERNAL/INTERNAL SELECT INPUT (H = EXT, L = INT)  
FB-FR : FRAME SIGNAL IN NORMAL PB MODE  
FCL : SYNC-TIP LEVEL OF THE FEEDBACK CLAMP SYSTEM  
HOLD : AFC ERROR HOLD INPUT (L = ERROR HOLD)  
OP1 : OPERATIONAL AMPLIFIER INPUT  
PAL : SYSTEM SELECT INPUT (H = PAL, L = NTSC)  
PB-H : H SYNC INPUT IN NORMAL PB MODE  
PHASE : AFC PHASE ADJUST INPUT  
RST : AFC RESET INPUT (L = RESET)  
S-VID : VIDEO INPUT OF THE SYNC CLAMP SYSTEM  
SLICE : SLICE LEVEL OF THE SYNC CLAMP SYSTEM  
SYNC-TIP : SYNC-TIP LEVEL OF THE SYNC CLAMP SYSTEM  
TEN : V SYNC ADJUST INPUT  
VAS : V SYNC ADJUST INPUT  
VCO1 : VCO INPUT

## OUTPUT

13.5MHz : 13.5MHz OUTPUT  
6.75CK : 6.75MHz OUTPUT  
AFC-HD : HD FROM THE AFC OUTPUT  
AFC-REF : AFC REFERENCE OUTPUT  
C-SYNC : SEPARATED SYNC OUTPUT OF THE SYNC CLAMP SYSTEM  
ERROR1 : AFC MAIN LOOP PHASE ERROR OUTPUT  
ERROR2 : AFC SUB LOOP PHASE ERROR OUTPUT  
FL-DT : ODD/EVEN DETECTED OUTPUT (H = 1st and 3rd FIELDS)  
LVD : VERTICAL SYNC OUTPUT (FOR NO SIGNAL DETECTION)  
OP2 : OPERATIONAL AMPLIFIER OUTPUT  
RES : V SYNC LPF OUTPUT (FOR TEST)  
SPCK1 - SPCK4 : 13.5MHz OUTPUT  
SYNCO : SEPARATED SYNC OUTPUT (FOR TEST)  
VCO2 : VCO OUTPUT  
VD : DETECTED VERTICAL SYNC OUTPUT

## INPUT/OUTPUT

AFC-DIR : AFC DIRECT (FOR TEST)  
CPO : SYNC CLAMP MONITORING TERMINAL  
IR1 : FOR TEST  
XXA : FOR TEST

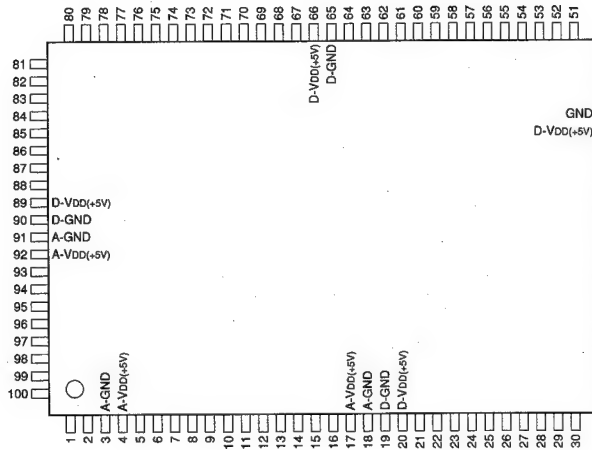




## CXD2208Q (SONY)

## C-MOS Y/C SEPARATOR/CLOCK GENERATOR

- TOP VIEW -



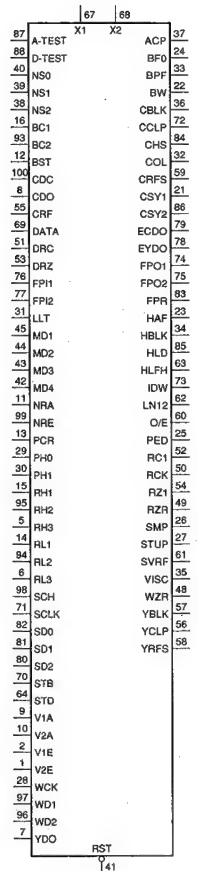
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	V2E	35	O	VISC	69	I	DATA
2	I	V1E	36	O	CBLK	70	I	STB
3	—	A-GND	37	O	ACP	71	I	SCLK
4	—	A-VDD(+5V)	38	I	NS2	72	O	CCLP
5	I	RH3	39	I	NS1	73	O	IDW
6	I	RL3	40	I	NS0	74	O	FPO1
7	I	YDO	41	I	RST	75	O	FPO2
8	I	CDO	42	I	MD4	76	I	FP11
9	I	V1A	43	I	MD3	77	I	FP12
10	I	V2A	44	I	MD2	78	O	EYDO
11	I	NRA	45	I	MD1	79	O	ECDO
12	I	BST	46	—	D-VDD(+5V)	80	I	SD2
13	I	PCR	47	—	D-GND	81	I	SD1
14	I	RL1	48	O	WZR	82	I	SD0
15	I	RH1	49	O	RZR	83	O	FPR
16	I	BC1	50	O	RCK	84	O	CHS
17	—	A-VDD(+5V)	51	I	DRC	85	O	HLD
18	—	A-GND	52	O	RC1	86	O	CSY2
19	—	D-GND	53	I	DRZ	87	I	A-TEST
20	—	D-VDD(+5V)	54	O	RZ1	88	I	D-TEST
21	O	CSY1	55	I	CRF	89	—	D-VDD(+5V)
22	O	BW	56	O	YCLP	90	—	D-GND
23	O	HAF	57	O	YBLK	91	—	A-GND
24	O	BF0	58	O	YRFS	92	—	A-VDD(+5V)
25	O	PED	59	O	CRFS	93	I	BC2
26	O	SMP	60	O	O/E	94	I	RL2
27	O	STUP	61	O	SVRF	95	I	RH2
28	I	WCK	62	O	LN12	96	I	WD2
29	I	PH0	63	O	HLFH	97	I	WD1
30	I	PH1	64	I	STD	98	I	SCH
31	I	LLT	65	—	D-GND	99	I	NRE
32	O	COL	66	—	D-VDD(+5V)	100	I	CDC
33	O	BPF	67	I	X1			
34	O	HBLK	68	O	X2			

## INPUT

A-TEST : ANALOG NODE TEST  
 BC1, BC2 : BIAS CURRENT  
 BST : BURST  
 CDC : SLICE LEVEL  
 CDO : C DROPOUT PULSE  
 CLR : RESET (L : RESET)  
 CRF : EXTERNAL C-REFERENCE SYNC  
 DATA : SERIAL DATA  
 DRC : 32 nSec DELAYED READ CLOCK (PAL ONLY)  
 DRZ : 100 nSec DELAYED READ CLOCK  
 D-TEST : DIGITAL MODE TEST  
 FP11, FP12 : DETECTED COLOR FRAME ID  
 LLT : LALT  
 MD1, MD2 : VIDEO MODE SELECT  
 MD3, MD4 : SIGNAL MODE SELECT  
 NRA : INTEGRATOR FOR REJECTING THE SPIKE NOISE ON THE SEPARATED SYNC  
 NRE : INTEGRATOR FOR REJECTING THE SPIKE NOISE ON THE SEPARATED SYNC  
 NS0 - NS2 : TEST SIGNAL FOR THE DIGITAL TEST MODE  
 PCR : EXTERNAL CR FOR DESIGNATING THE SAMPLING PULSE WIDTH  
 PH0 : 1/2 WCK (2fsc)  
 PH1 : 1/4 WCK (fsc)  
 RH1 - RH3 : REFERENCE VOLTAGE (+1.8V)  
 RL1 - RL3 : REFERENCE VOLTAGE (+1.7V)  
 SCH : DETECTED SCH VOLTAGE  
 SCLK : SERIAL DATA CLOCK  
 SD0 - SD2 : COLOR FRAMING PHASE ADJUSTMENT  
 STB : SERIAL DATA STROBE  
 STD : STANDARD MODE SIGNAL FROM THE SYSTEM CONTROLLER  
 V1A : VIDEO SIGNAL FOR CLAMP PULSE GENERATION  
 V2A : VIDEO SIGNAL FOR SYNC SEPARATION  
 V1E : SELECT Y SIGNAL FOR CLAMP PULSE GENERATION  
 V2E : SELECT Y SIGNAL FOR SYNC SEPARATION  
 WCK : WRITE CLOCK (4fsc)  
 WD1 : LOWER WINDOW VOLTAGE FOR THE COLOR FRAMING DETECTOR  
 WD2 : UPPER WINDOW VOLTAGE FOR THE COLOR FRAMING DETECTOR  
 X1 : EXTERNAL CRYSTAL OSCILLATOR  
 YDO : Y DROPOUT PULSE

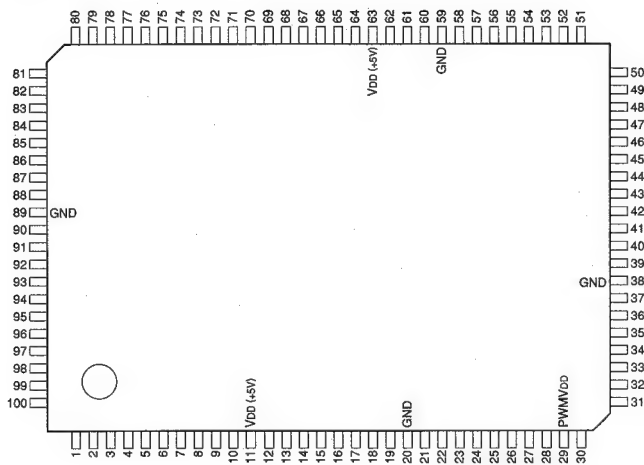
## OUTPUT

ACP : SYNC-TIP CLAMP PULSE  
 BF0 : BURST GATE PULSE  
 BPF : L : BAND-PASS FILTER MODE PERIOD  
 BW : H : B/W, L : COLOR  
 CBLK : BLANKING  
 CCLP : CTDM CLAMP PULSE  
 CHS : CHARGE START OF COLOR FRAMING DETECTION  
 COL : H : COLOR PERIOD, L : B/W PERIOD (ALWAYS "H" IN S-VIDEO MODE)  
 CRFS : C REFERENCE SYNC GENERATION SIGNAL  
 CSY1, CSY2 : SEPARATED SYNC  
 ECDO : C DROPOUT  
 EYDO : Y DROPOUT  
 FPO1 : FP1 OR CTDM FP1 OUTPUT  
 FPO2 : FP2 OR CTDM FP2 OUTPUT  
 FPR : FIELD PULSE GENERATOR RESET PULSE  
 HAF : HALF H PULSE  
 HBLK : H SYNC TIMING PULSE  
 HLD : SAMPLING PULSE FOR THE COLOR FRAMING DETECTOR  
 HLFH : FRONT HALF AND BACK HALF OF EACH LINE (L : FRONT HALF)  
 IDW : CTDM CF-ID WINDOW  
 LN12 : L : 12 LINES PERIOD  
 O/E : ODD/EVEN (H : EVEN, L : ODD)  
 PED : PEDESTAL SAMPLING PULSE  
 RC1 : READ CLOCK FOR DELAYING IT FOR 35 ns  
 RCK : READ CLOCK  
 RZ1 : READ CLOCK FOR DELAYING IT FOR 100 ns  
 RZR : READ ZERO  
 SMP : SAMPLING PULSE  
 STUP : CAV Y SETUP PULSE  
 SVRF : SERVO REFERENCE  
 VISC : SYSTEM CONTROLLER OPERATION STATUS  
 WZR : WRITE ZERO  
 X2 : EXTERNAL CRYSTAL OSCILLATOR  
 YBLK : Y BLANKING PULSE  
 YCLP : SELECT Y CLAMP  
 YRFS : Y REFERENCE SYNC GENERATION SIGNAL





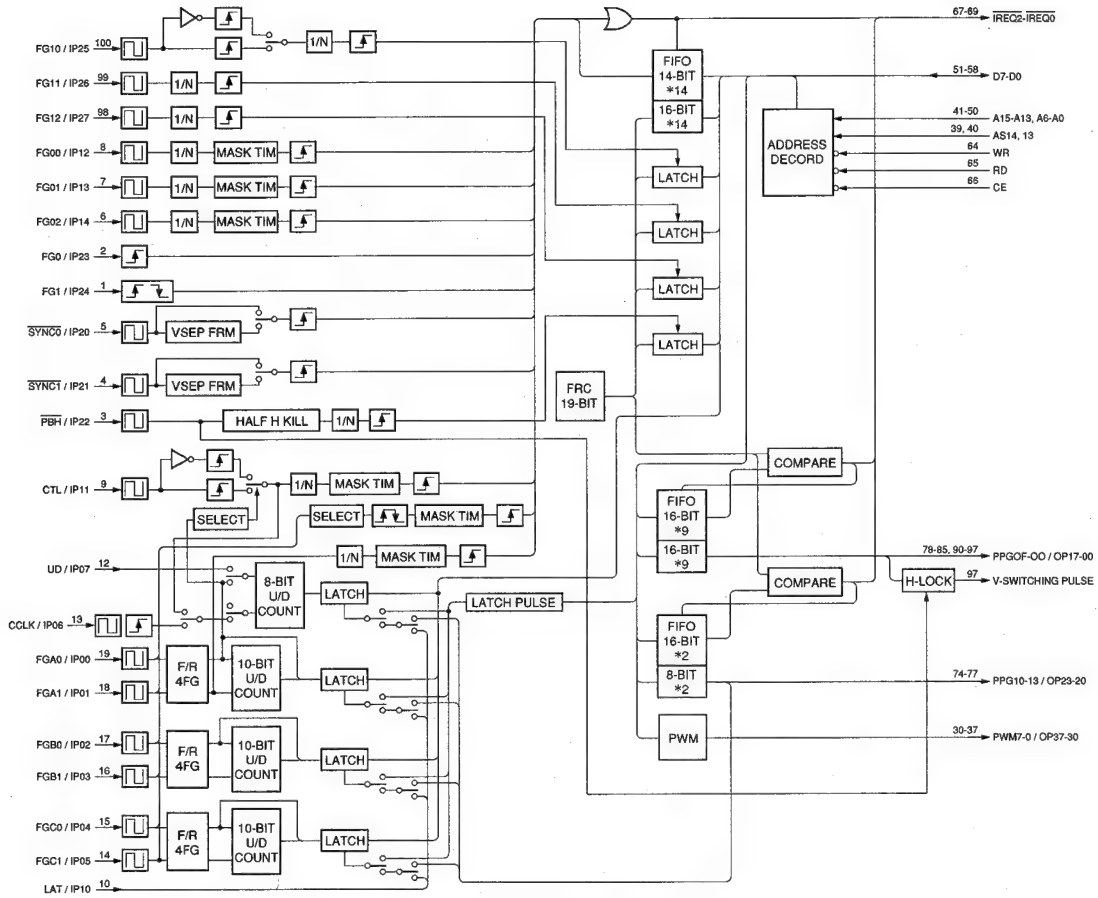
SERVO IC  
-TOP VIEW-



(VDD = +5V)											
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	FG1/IP24	26	I/O	IOP2	51	I/O	D7	76	O	PPG11/OP21
2	I	FG0/IP23	27	I/O	IOP1	52	I/O	D6	77	O	PPG10/OP20
3	I	PBH/IP22	28	I/O	IOP0	53	I/O	D5	78	O	PPG0F/OP17
4	I	SYNC0/IP21	29	—	PWM VDD	54	I/O	D4	79	O	PPG0E/OP16
5	I	SYNC0/IP20	30	O	PWM7/OP37	55	I/O	D3	80	O	PPG0D/OP15
6	I	FG02/IP14	31	O	PWM6/OP36	56	I/O	D2	81	O	PPG0C/OP14
7	I	FG01/IP13	32	O	PWM5/OP35	57	I/O	D1	82	O	PPG0B/OP13
8	I	FG00/IP12	33	O	PWM4/OP34	58	I/O	D0	83	O	PPGA0/OP12
9	I	CTL/IP11	34	O	PWM3/OP33	59	—	GND	84	O	PPG09/OP11
10	I	LAT/IP10	35	O	PWM2/OP32	60	I	RES	85	O	PPG08/OP10
11	—	VDD	36	O	PWM1/OP31	61	I	MD1	86	O	CLKO
12	I	UD0/IP07	37	O	PWM0/OP30	62	I	MD0	87	I	EXTAL
13	I	COLK/IP06	38	—	GND	63	—	VDD	88	O	XTAL
14	I	FGC1/IP05	39	I	AS14	64	I	WR	89	—	GND
15	I	FGC0/IP04	40	I	AS13	65	I	RD	90	O	PPG07/OP07
16	I	FGB1/IP03	41	I	A15	66	I	CE	91	O	PPG06/OP06
17	I	FGB0/IP02	42	I	A14	67	O	IREQ2	92	O	PPG05/OP05
18	I	FGA1/IP01	43	I	A13	68	O	IREQ1	93	O	PPG04/OP04
19	I	FGA0/IP00	44	I	A6	69	O	IREQ0	94	O	PPG03/OP03
20	—	GND	45	I	A5	70	I	FXSEL	95	O	PPG02/OP02
21	I/O	IOP7	46	I	A4	71	O	OP26	96	O	PPG01/OP01
22	I/O	IOP6	47	I	A3	72	O	EXCS1/OP25	97	O	PPG00/OP00
23	I/O	IOP5	48	I	A2	73	O	FG12/IP23	98	I	FG12/IP23
24	I/O	IOP4	49	I	A1	74	O	PPG13/OP23	99	I	FG11/IP26
25	I/O	IOP3	50	I	A0	75	O	PGG12/OP22	100	I	FG10/IP25

41	A15	07	51	INPUT	
42	A14	06	52	A0 - A15	; ADDRESS BUS
43	A13	05	53	AS13, AS14	; SELECTING CONDITION OF ADDRESS DECODER AS13 AND AS14 BITS
44	A8	04	54	CLK	; 8-BIT COUNTER CLOCK INPUT
45	A5	03	55	CE	; CHIP ENABLE
46	A4	02	56	CTL	; RESOLUTION 2.5MHz WITH EDGE SELECT FUNCTION.
47	A3	01	57	EXTAL	WITH FREQUENCY DIVISION MASK TIMER
48	A2	00	58	FG0	; CRYSTAL OSCILLATION OR EXTERNAL CLOCK INPUT
49	A1			FG00 - FG02	; RESOLUTION 2.5MHz
50	A0				; FREQUENCY DIVISION ENABLE RESOLUTION 2.5MHz.
51					WITH FREQUENCY DIVISION MASK TIMER
52		IOF7	21	FG1	; RESOLUTION 2.5MHz BOTH EDGES
53		IOF6	22	FG10	; EDGE SELECTION ENABLE RESOLUTION 10MHz
54	AS14	IOF5	23	FG11, FG12	; FREQUENCY DIVISION ENABLE RESOLUTION 10MHz
55	AS13	IOF4	24	FGA0	; PERFORMS FORWARD/REVERSE ROTATION DETECTION
56		IOF3	25		AND 4FG COUNT (UP/DOWN) BY FGA0 AND FGA1. 10BITS. UP/DOWN IS MADE BY
57	FG12/IF27	IOF2	26	FGA1	CONTROLLING THE UP/DOWN OF 8-BIT COUNTER.
58	FG11/IF26	IOF1	27		; 4FG PERFORMS FREQUENCY DIVISION AND FRC CAPTURE
59	FG10/IF25	IOF0	28		THROUGH MASK TIMER.
60	FG02/IF14				*1: SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS
61	FG01/IF13	PWM7/OP37	30		BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH
62	FG00/IF12	PWM6/OP36	31	FGB0	THE MASK TIMER.
63	FG1/IF24	PWM5/OP35	32	FGB1	; PERFORMS FORWARD/REVERSE ROTATION DETECTION AND 4FG COUNT
64	FG0/IF23	PWM4/OP34	33		BY FGB0 AND FGB1.
65		PWM3/OP33	34		*1: SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS
66	SYNC1/IF21	PWM2/OP32	35	FGC0	BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH
67	SYNC0/IF20	PWM1/OP31	36	FGC1	THE MASK TIMER.
68		PWM0/OP30	37		; PERFORMS FORWARD/REVERSE ROTATION DETECTION AND 4FG COUNT
69					BY FGC0 AND FGC1.
70					*1: SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS
71					BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH
72					THE MASK TIMER.
73					; FREQUENCY DIVISION SELECTION CLOCK INPUT
74					EXTERNAL LATCH TIMING OF UP/DOWN COUNTER
75					; TEST MODE DESIGNATION
76					; INPUT OF COMPOSITE SYNC OR H SYNC.
77					RESOLUTION 10MHz. WITH HALF H KILLER.
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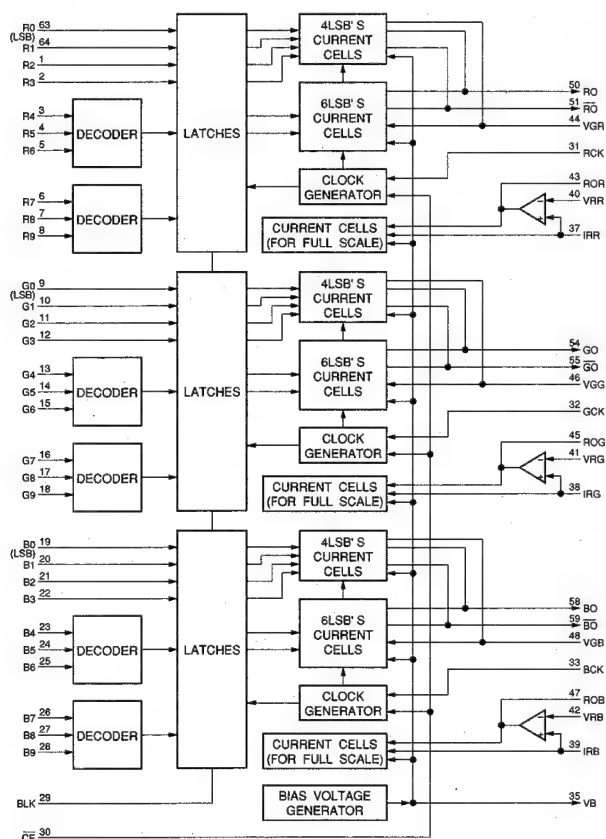
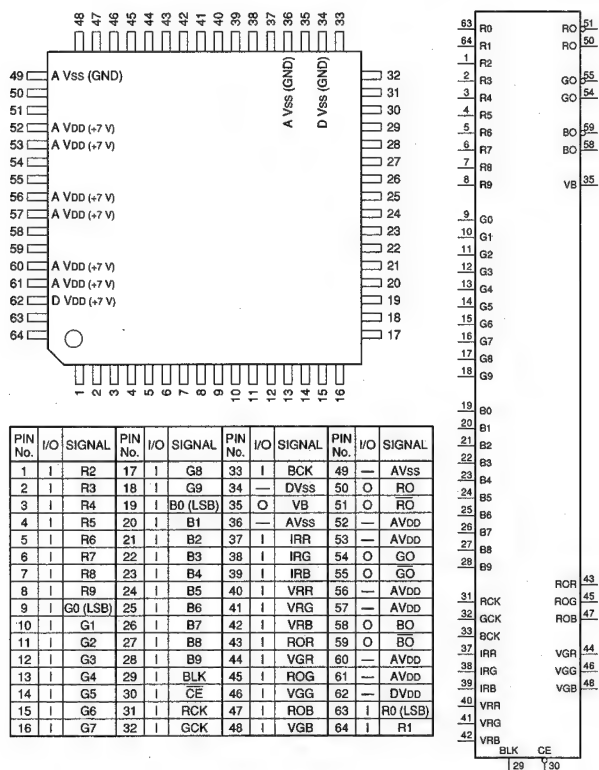






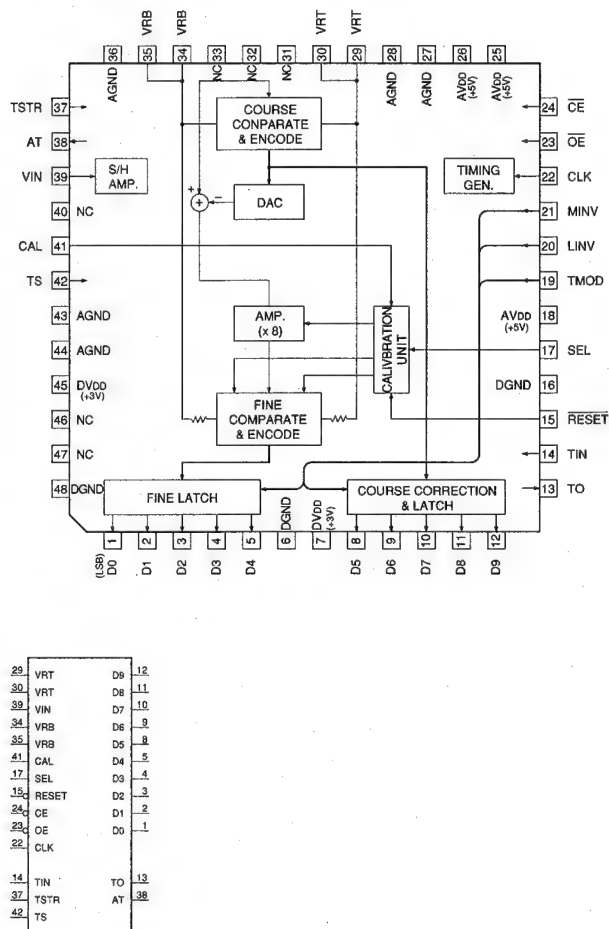
CXD2307R-T4 (SONY) FLAT PACKAGE  
CXD2307R-T6

C-MOS 10-BIT 50MSPS RGB 3CHANNEL D/A CONVERTER  
—TOP VIEW—



CXD2310AR-T4 (SONY)

C-MOS 10-BIT 20MSPS VIDEO A/D CONVERTER  
—TOP VIEW—



**INPUT**

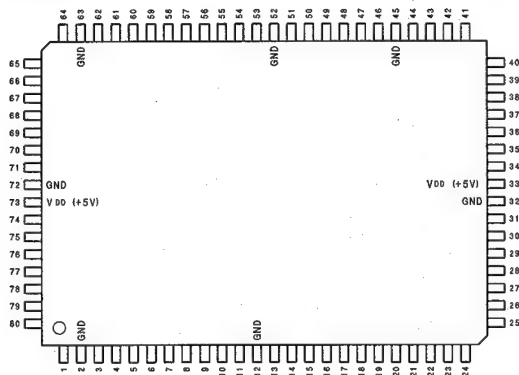
- CAL : CALIBRATION PULSE INPUT
- CE : CHIP ENABLE
- CLK : CLOCK
- LINV : OUTPUT (D0-D8) INVERSION
- MINV : OUTPUT (D9) INVERSION
- OE : DIGITAL DATA OUTPUT ENABLE
- RESET : CALIBRATION CIRCUIT RESET
- SEL : OUTPUT DATA (D5-D9) SELECT FOR CALIBRATION (4-CLOCK) HIGH; THROUGH OUTPUT, LOW; DATA FIXED AS WITH D0-D4
- TIN : TEST SIGNAL INPUT
- TMOD : TEST MODE
- TS : TEST SIGNAL INPUT
- TSTR : TEST SIGNAL INPUT
- VRB : REFERENCE BOTTOM VOLTAGE
- VRT : REFERENCE TOP VOLTAGE

**OUTPUT**

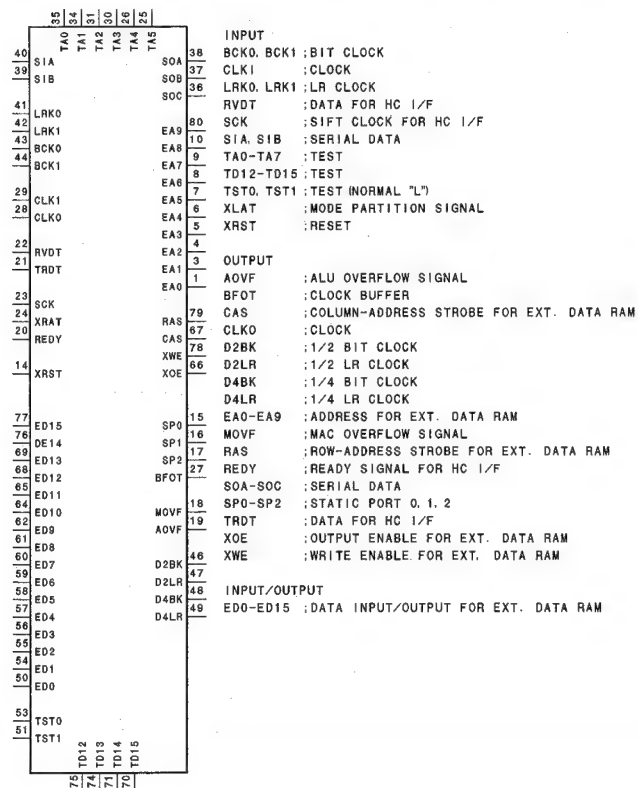
- AT : TEST SIGNAL OUTPUT
- D0-D9 : DIGITAL DATA OUTPUT
- TO : TEST PIN



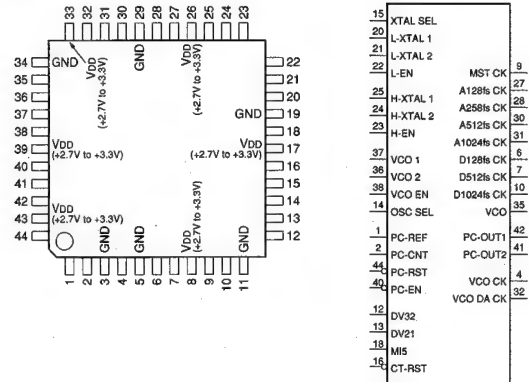
## CXD2705AQ (SONY) FLAT PACKAGE

C-MOS DIGITAL AUDIO SIGNAL PROCESSOR  
-TOP VIEW-

PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	O	EA0	21	O	TRDT	41	I	LRK0	61	I/O	ED8
2	-	GND	22	I	RVDT	42	I	LRK1	62	I/O	ED9
3	O	EA1	23	I	SCK	43	I	BCK0	63	-	GND
4	O	EA2	24	I	XLAT	44	I	BCK1	64	I/O	ED10 (GND)
5	O	EA3	25	I	TA5	45	-	GND	65	I/O	ED11 (GND)
6	O	EA4	26	I	TA4	46	O	D2BK	66	O	XOE
7	O	EA5	27	O	BFOT	47	O	D2LR	67	O	CAS
8	O	EA6	28	O	CLK0	48	O	D4BK	68	I/O	ED12
9	O	EA7	29	I	CLK1	49	O	D4LR	69	I/O	ED13
10	O	EA8	30	I	TA3	50	I/O	ED0	70	I	TD15
11	I	TA7	31	I	TA2	51	I	TST1	71	I	TD14
12	-	GND	32	-	GND	52	-	GND	72	-	GND
13	I	TA6	33	-	VDD (+5V)	53	I	TST0	73	-	VDD (+5V)
14	I	XRST	34	I	TA1	54	I/O	ED1	74	I	TD13
15	O	SP0	35	I	TA0	55	I/O	ED2	75	I	TD12
16	O	SP1	36	O	SOC	56	I/O	ED3	76	I/O	ED14
17	O	SP2	37	O	SOB	57	I/O	ED4	77	I/O	ED15
18	O	MOV F	38	O	SOA	58	I/O	ED5	78	O	XWE
19	O	AOV F	39	O	SIB	59	I/O	ED6	79	O	RAS
20	O	REDY	40	O	SIA	60	I/O	ED7	80	O	EA9



## CXD2913AQ (SONY)

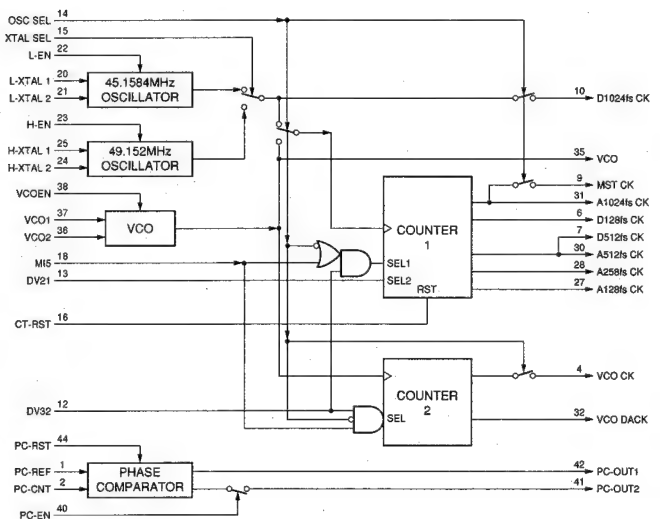
C-MOS AUDIO PLL OSCILLATOR  
-TOP VIEW-

## INPUT

CT-RST : COUNTER RESET INPUT  
 DV21 : SPEED MODE SELECT INPUT (H = x2 SPEED, L = x1 SPEED)  
 DV32 : FS SELECT INPUT (H = 32kHz, L = 44.1kHz/48kHz)  
 H-EN : HIGHER CRYSTAL OSCILLATOR ENABLE INPUT (H = ENABLE)  
 H-XTAL 1 : 49.152MHz CRYSTAL OSCILLATOR INPUT  
 L-EN : LOWER CRYSTAL OSCILLATOR ENABLE INPUT (H = ENABLE)  
 L-XTAL 1 : 45.1584MHz CRYSTAL OSCILLATOR INPUT  
 MIS : COUNTER DIVIDING RATIO SELECT INPUT (H = 1/1.5, L = 1/1)  
 OSC SEL : MASTER CLOCK SELECT INPUT (H = VCO, L = CRYSTAL)  
 PC-CNT : PHASE COMPARTOR CONTROL INPUT  
 PC-EN : PC-OUT2 ENABLE INPUT  
 PC-REF : PHASE COMPARTOR REFERENCE INPUT  
 PC-RST : PHASE COMPARTOR RESET INPUT  
 VCO 1 : VCO INPUT  
 VCO EN : VCO ENABLE INPUT (H = ENABLE)  
 XTAL SEL : MASTER CLOCK SELECT INPUT (H = 48MHz, L = 45MHz)

## OUTPUT

A128fs CK : ANALOG SYSTEM A/D CONVERTER 128fs CLOCK  
 A258fs CK : ANALOG SYSTEM A/D AND D/A CONVERTERS 258fs CLOCK  
 A512fs CK : ANALOG SYSTEM D/A CONVERTER 512fs CLOCK  
 A1024fs CK : ANALOG SYSTEM D/A CONVERTER 1024fs CLOCK  
 D128fs CK : DIGITAL SYSTEM 128fs CLOCK  
 D512fs CK : DIGITAL SYSTEM 512fs CLOCK  
 D1024fs CK : DIGITAL SYSTEM 1024fs CRYSTAL OSCILLATOR CLOCK  
 H-XTAL 2 : 49.152MHz CRYSTAL OSCILLATOR OUTPUT  
 L-XTAL 2 : 45.1584MHz CRYSTAL OSCILLATOR OUTPUT  
 MST CK : MASTER CLOCK (1024fs) OUTPUT  
 PC-OUT1 : PHASE COMPARTOR OUTPUT  
 PC-OUT2 : PHASE COMPARTOR OUTPUT (WITH ENABLE CONTROL)  
 VCO : VCO OUTPUT  
 VCO 2 : VCO OUTPUT  
 VCO CK : VCO CLOCK (512fs) OUTPUT  
 VCO DA CK : VCO 512fs D/A CLOCK

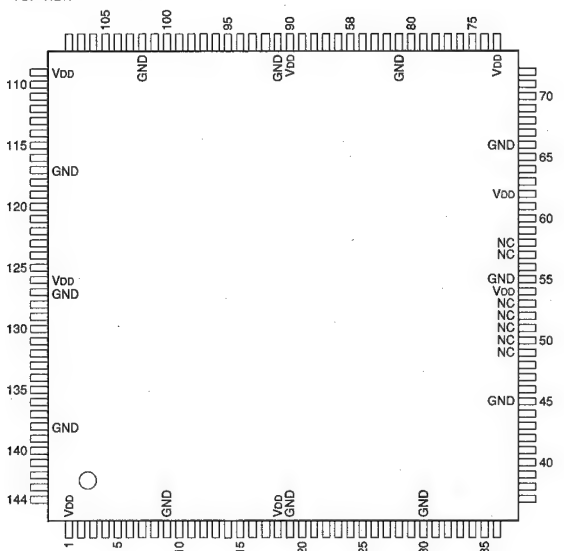




## CXD3101R (SONY)

## SIGNAL PROCESSOR

-TOP VIEW-



## INPUT

BC1	: CROSS CHECK BIT
BTCK	: JTAG CK
BTDI	: JTAG DI
BTMS	: JTAG MS
BTRST	: JTAG RST
FLBKC	: CHROMA PLAYBACK REFERENCE SIGNAL
FLBKY	: Y PLAYBACK REFERENCE SIGNAL
FLTV	: FIELD REFERENCE SIGNAL
JFOE	: FORCED ODD/EVEN
JOOE	: ORIGINAL ODD/EVEN
SD	: HIGH-SD LOW-HD
SPCK	: 13.5 MHZ CLOCK
SPSO	: SERIAL DATA
TCK	: CROSS CHECK CLOCK
TD1	: CROSS CHECK DATA
TENA1	: CROSS CHECK TEST
TRCK	: 18.1 MHZ CLOCK
TSI0-TS12	: TEST
VST	: CROSS CHECK GROUND
XCS	: CHIP SELECT
XPS	: POWER SAVE
XRST	: RESET
XSCK	: SERIAL CLOCK

## OUTPUT

BTDO	: JTAG DO
B1RA0-B1RA3/B2RA0-B2RA3	: BRAM1/BRAM2 READ ADDRESS
B1RFS/B2RFS	: BRAM1/BRAM2 READ FIELD SELECT
B1RS/B2RS	: BRAM1/BRAM2 READ STROBE
B1WA0-B1WA3/B2WA0-B2WA3	: BRAM1/BRAM2 WRITE ADDRESS
B1WFS/B2WFS	: BRAM1/BRAM2 WRITE FIELD SELECT
B1WS/B2WS	: BRAM1/BRAM2 WRITE STROBE
CINV	: CHROMA LINE SEQUENTIAL
RCK1/RCK2	: BRAM1/BRAM2 READ CLOCK
REC	: HIGH-REC, LOW-PB
SPSI	: SERIAL DATA
TD0	: CROSS CHECK DATA
WCK1/WCK2	: BRAM1/BRAM2 WRITE CLOCK

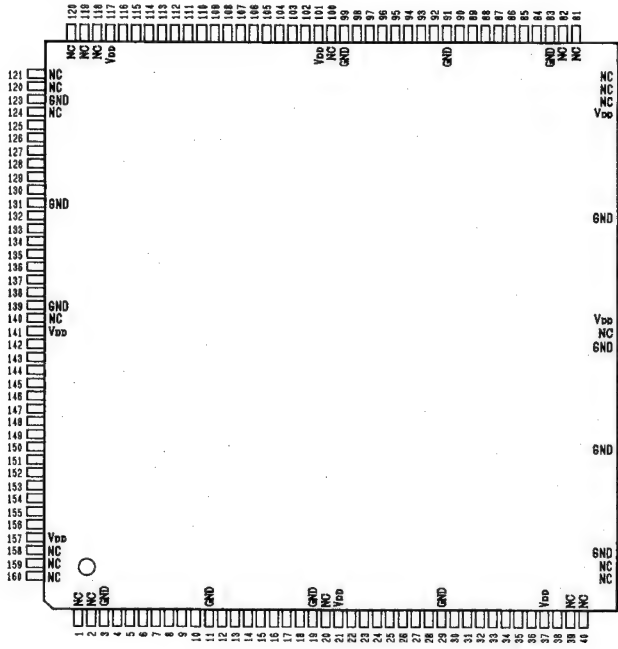
## INPUT/OUTPUT

B1D00-B1D07/B2D00-B2D07	: BRAM1/BRAM2 PORT0 DATA
B1D10-B1D17/B2D10-B2D17	: BRAM1/BRAM2 PORT1 DATA
BKD0-BKD7	: BK DATA
BUP	: BUP
JC0-JC7	: CHROMA DATA
JY0-JY7	: Y DATA
JSYC	: CHROMA SYNC
JSYY	: Y SYNC

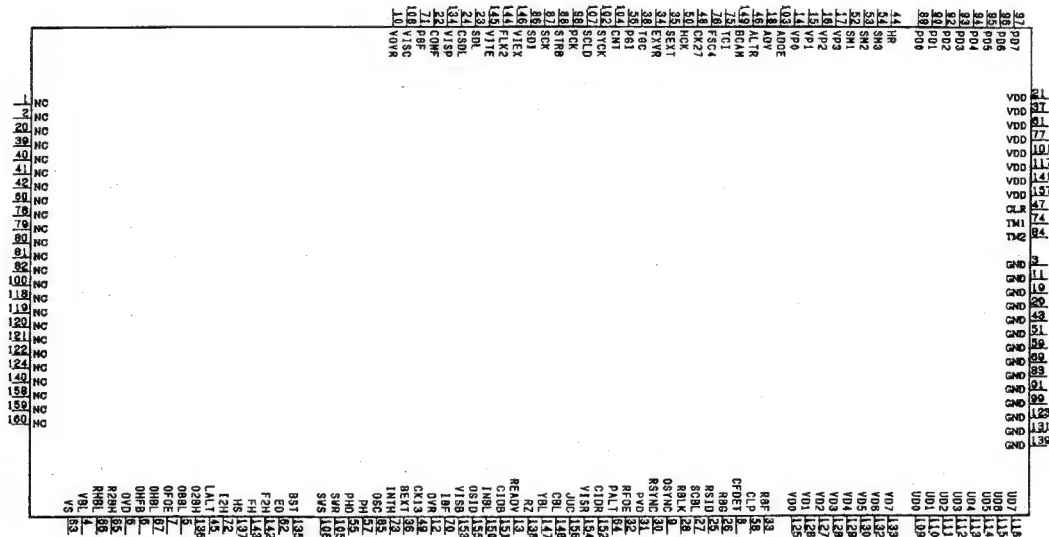
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	37	I	BTRST	73	—	VDD	109	—	VDD
2	O	REC	38	I	BTCK	74	I/O	BUP	110	I/O	B1D10
3	O	CINV	39	I	BTMS	75	I/O	B2D10	111	I/O	B1D11
4	I/O	JSYC	40	I	BTDI	76	I/O	B2D11	112	I/O	B1D12
5	I/O	JC0	41	O	BTDO	77	I/O	B2D12	113	I/O	B1D13
6	I/O	JC1	42	I	XCS	78	I/O	B2D13	114	I/O	B1D14
7	I/O	JC2	43	I	XSCK	79	I/O	B2D14	115	I/O	B1D15
8	I/O	JC3	44	I	SPSO	80	I/O	B2D15	116	I/O	B1D16
9	—	GND	45	—	GND	81	—	GND	117	—	GND
10	I/O	JC4	46	O	SPSI	82	I/O	B2D16	118	I/O	B1D17
11	I/O	JC5	47	I	XRST	83	I/O	B2D17	119	O	WCK1
12	I/O	JC6	48	I	XPS	84	O	WCK2	120	O	B1WS
13	I/O	JC7	49	—	NC	85	O	B2WS	121	O	B1WA0
14	I/O	JSYY	50	—	NC	86	O	B2WA0	122	O	B1WA1
15	I/O	JY0	51	—	NC	87	O	B2WA1	123	O	B1WA2
16	I/O	JY1	52	—	NC	88	O	B2WA2	124	O	B1WA3
17	I/O	JY2	53	—	NC	89	O	B2WA3	125	O	B1WFS
18	—	VDD	54	—	VDD	90	—	VDD	126	—	VDD
19	—	GND	55	—	GND	91	—	GND	127	—	GND
20	I	SPCK	56	I	TRCK	92	O	B2WFS	128	O	B1RFS
21	I/O	JY3	57	—	NC	93	O	B2RFS	129	O	B1RA3
22	I/O	JY4	58	—	NC	94	O	B2RA3	130	O	B1RA2
23	I/O	JY5	59	I	TSI2	95	O	B2RA2	131	O	B1RA1
24	I/O	JY6	60	I	TSI1	96	O	B2RA1	132	O	B1RA0
25	I/O	JY7	61	I	TSI0	97	O	B2RA0	133	O	B1RS
26	I	FLBKC	62	—	VDD	98	O	B2RS	134	O	RCK1
27	I	FLBKY	63	I	FLTV	99	O	RCK2	135	I/O	B1D07
28	I	JOOE	64	I/O	BKD7	100	I/O	B2D07	136	I/O	B1D06
29	I	JFOE	65	I/O	BKD6	101	I/O	B2D06	137	I/O	B1D05
30	—	GND	66	—	GND	102	—	GND	138	—	GND
31	I	BC1	67	I/O	BKD5	103	O	B2D05	139	I/O	B1D04
32	I	TCK	68	I/O	BKD4	104	O	B2D04	140	I/O	B1D03
33	I	TD1	69	I/O	BKD3	105	O	B2D03	141	I/O	B1D02
34	I	TENA1	70	I/O	BKD2	106	O	B2D02	142	I/O	B1D01
35	O	TD0	71	I/O	BKD1	107	O	B2D01	143	I/O	B1D00
36	I	VST	72	I/O	BKD0	108	O	B2D00	144	I	SD



## CXD8165Q (SONY) FLAT PACKAGE

C-MOS REFERENCE SYNC GENERATOR  
- TOP VIEW -

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	-	NC	41	-	NC	81	-	NC	121	-	NC
2	-	NC	42	-	NC	82	-	NC	122	-	NC
3	-	GND	43	-	GND	83	-	GND	123	-	GND
4	I/O	VBL	44	I	HR	84	I	TM2	124	-	NC
5	I/O	OBBL	45	I/O	LALT	85	O	OSC	125	O	VD0
6	I/O	OVD	46	I	ALTR	86	I	SD1	126	O	VD1
7	I/O	OFOE	47	I	CLR	87	I	CK	127	O	VD2
8	O	CFDET	48	I	CK27	88	I	STRB	128	O	VD3
9	O	OSYNC	49	O	CK13	89	I/O	PD0	129	O	VD4
10	I	VOVR	50	I	HCK	90	I/O	PD1	130	O	VD5
11	-	GND	51	-	GND	91	-	GND	131	-	GND
12	O	OVR	52	I	SM1	92	I/O	PD2	132	O	VD6
13	O	READV	53	I	SM2	93	I/O	PD3	133	O	VD7
14	I	VP0	54	I	SM3	94	I/O	PD4	134	I	VISP
15	I	VP1	55	O	PHO	95	I/O	PD5	135	I/O	BST
16	I	VP2	56	I	PHI	96	I/O	PD6	136	I/O	O2BH
17	I	VP3	57	O	PH	97	I/O	PD7	137	I/O	HS
18	I	ADV	58	O	CLP	98	I	PCK	138	O	RZ
19	-	GND	59	-	GND	99	-	GND	139	-	GND
20	-	NC	60	-	NC	100	-	NC	140	-	NC
21	-	VDD	61	-	NC	101	-	VDD	141	-	VDD
22	I	CONF	62	I/O	EQ	102	I	SYCK	142	I/O	F2H
23	I	SDL	63	I/O	VS	103	I	ADDE	143	I/O	FH
24	I	CSDL	64	O	PALT	104	I	CNT	144	I	FLK2
25	O	RSID	65	I/O	R2BH	105	O	SWR	145	I	VITE
26	O	RBG	66	I/O	RHBL	106	O	SWS	146	I	VIEX
27	O	SCBL	67	I/O	OHBL	107	I	SCLD	147	O	YBL
28	O	RBLK	68	I/O	OHFB	108	I	VISC	148	O	CBL
29	-	GND	69	-	GND	109	O	UD0	149	I	BCAM
30	O	RSYNC	70	O	I8F	110	O	UD1	150	O	ENBL
31	O	RVD	71	I	P8F	111	O	UD2	151	O	CID8
32	O	REOE	72	I/O	I2H	112	O	UD3	152	O	CIDR
33	O	R8F	73	O	INTH	113	O	UD4	153	O	VISB
34	I	EXVR	74	I	TM1	114	O	UD5	154	O	VISR
35	I	SEXT	75	I	TCI	115	O	UD6	155	O	OSID
36	O	BEXT	76	I	FSC4	116	O	UD7	156	O	JUC
37	-	VDD	77	-	VDD	117	-	VDD	157	-	VDD
38	I	TGC	78	-	NC	118	-	NC	158	-	NC
39	-	NC	79	-	NC	119	-	NC	159	-	NC
40	-	NC	80	-	NC	120	-	NC	160	-	NC

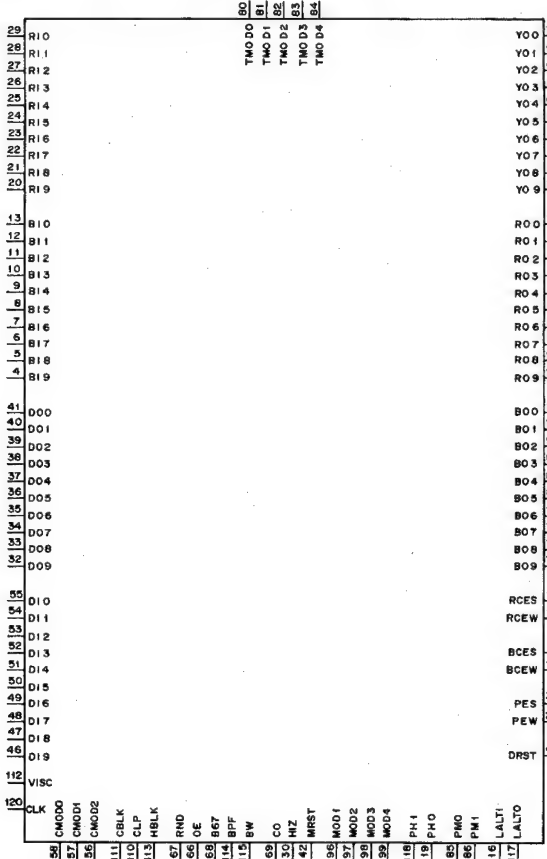
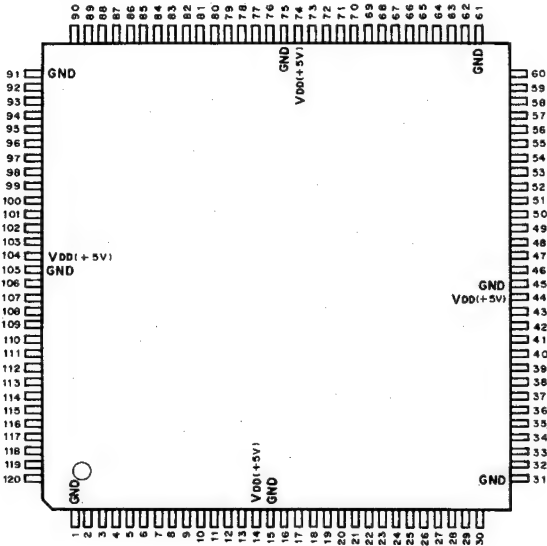




CXD8161AQ (SONY) FLAT PACKAGE

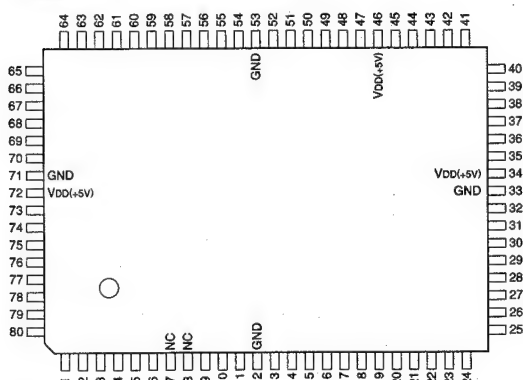
C-MOS DIGITAL Y/C SEPARATOR & CHROMA DECODER

- TOP VIEW -





## CXD8176AQ (SONY)

C-MOS DUAL PORT RAM CONTROLLER  
-TOP VIEW-

(VDD = +5V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	DOL	21	I/O	D7R	41	I/O	D6M	61	I	A10L
2	I	WRL	22	I/O	D6R	42	I/O	D5M	62	I	A9L
3	I	RDL	23	I/O	D5R	43	I/O	D4M	63	I	A8L
4	O	WAITL	24	I/O	D4R	44	I/O	D3M	64	I	A7L
5	I	CSL	25	I/O	D3R	45	I/O	D2M	65	I	A6L
6	I	CKL	26	I/O	D2R	46	—	VDD	66	I	A5L
7	—	NC	27	I/O	D1R	47	I/O	D1M	67	I	A4L
8	—	NC	28	I/O	D0R	48	I/O	D0M	68	I	A3L
9	I	A10R	29	I	WRR	49	O	A0M	69	I	A2L
10	I	A9R	30	I	RDR	50	O	A1M	70	I	A1L
11	I	A8R	31	O	WAITR	51	O	A2M	71	—	GND
12	—	GND	32	I	CSR	52	O	A3M	72	—	VDD
13	I	A7R	33	—	GND	53	—	GND	73	I	A0L
14	I	A6R	34	—	VDD	54	O	A4M	74	I/O	D7L
15	I	A5R	35	I	CKR	55	O	A5M	75	I/O	D6L
16	I	A4R	36	I	CKT	56	O	A6M	76	I/O	D5L
17	I	A3R	37	O	WEM	57	O	A7M	77	I/O	D4L
18	I	A2R	38	O	OEM	58	O	A8M	78	I/O	D3L
19	I	A1R	39	O	CEM	59	O	A9M	79	I/O	D2L
20	I	A0R	40	I/O	D7M	60	O	A10M	80	I/O	D1L

**INPUT**

B67 : CORRELATION DETECT SENSITIVITY SELECT  
(H: 6 BITS/L: 7 BITS)

B10 - B19 : B-Y DATA (COMPONENT MODE)

BPF : L: BAND PASS FILTER SELECT

BW : COMPOSITE SIGNAL THROUGH OUT CONTROL

CBLK : CHROMA BLANKING PULSE

CLK : CLOCK

CLP : CLAMP PULSE

\* 1) CMOD0 - D2 : Y/C CORRECTION MODE SELECT

CO : CHROMA DECODE CONTROL

D10 - D19 : 2H DELAY DATA (COMPOSITE MODE) for NTSC

4H DELAY DATA (COMPOSITE MODE) for PAL/PAL-M

D00 - D09 : 1H DELAY DATA (COMPOSITE MODE) for NTSC

2H DELAY DATA (COMPOSITE MODE) for PAL/PAL-M

HBLK : H BLANKING PULSE

HIZ : PULSE CONTROL

LALTI : LINE ALTERNATE

\* 2) MODE1 - MODE4 : MODE SELECT

MRST : RESET

OE : OUTPUT ENABLE

PH0, PH1 : REFERENCE PHASE for CHROMA DECODE and VLSI GENERATION

PM0, PM1 : PHASE SHIFT CONTROL

R10 - R19 : COMPOSITE DATA (COMPOSITE MODE)

R-Y DATA (COMPONENT MODE)

CHROMA DATA (CHROMA MODE)

RND : OUTPUT ROUND OFF SELECT

TMOD0 - D4 : TEST MODE/BPF STAGE SELECT

VISC : VERTICAL INTERVAL SUB-CARRIER CONTROL

**OUTPUT**

BCEW : B-Y CLAMP ERROR SENSE

BCEW : B-Y CLAMP ERROR WIDTH

B00 - B09 : B-Y DATA (B 09; MSB)

DRST : EXTERNAL DELAY LINE RESET

LALTO : LINE ALTERNATE

PES : PHASE ERROR SENSE

PEW : PHASE ERROR WIDTH

RCEW : R-Y CLAMP ERROR SENSE

RCEW : R-Y CLAMP ERROR WIDTH

R00 - R09 : R-Y DATA (R09; MSB)

Y00 - Y09 : Y DATA (Y09; MSB)

MODE2	MODE1	MODE
0	0	PAL
0	1	PAL-M
1	0	SECAM
1	1	NTSC
MODE4	MODE3	MODE
0	0	COMPONENT
0	1	COMPOSITE
1	0	CTDM
1	1	CHROMA

0 : LOW LEVEL  
1 : HIGH LEVEL

CMOD2	CMOD1	CMOD0	MODE
0	0	0	0-1 FIX
0	0	1	1-2 FIX
0	1	0	0-1-2 FIX
0	1	1	BPF FIX
1	0	0	0-1/1-2/0-1 ADAPTIVE
1	0	1	0-1/1-2/1-2 ADAPTIVE
1	1	0	0-1/1-2/0-1-2 ADAPTIVE
1	1	1	0-1/1-2/0-1-2/BPF ADAPTIVE

0 : LOW LEVEL  
1 : HIGH LEVEL

0-1 : UPPER 2 LINE COMB FILTER  
1-2 : LOWER 2 LINE COMB FILTER  
0-1-2 : UPPER/LOWER 3 LINE COMB FILTER

**INPUT**

A0L - A10L : ADDRESS BUS OF PORT L

A0R - A10R : ADDRESS BUS OF PORT R

CKL : CLOCK OF PORT L

CKR : CLOCK OF PORT R

CKT : CLOCK

CSL : CHIP SELECT OF PORT L

CSR : CHIP SELECT OF PORT R

RDL : READ STROBE OF PORT L

RDR : READ STROBE OF PORT R

WRL : WRITE STROBE OF PORT L

WRR : WRITE STROBE OF PORT R

**OUTPUT**

A0M - A10M : ADDRESS BUS FOR MEMORY DEVICE

CEM : CHIP ENABLE FOR MEMORY DEVICE

OEM : OUTPUT ENABLE FOR MEMORY DEVICE

WAITL : WAIT OF PORT L

WAITR : WAIT OF PORT R

WEM : WRITE ENABLE FOR MEMORY DEVICE

**INPUT/OUTPUT**

D0L - D7L : DATA BUS OF PORT L

D0M - D7M : DATA BUS FOR MEMORY DEVICE

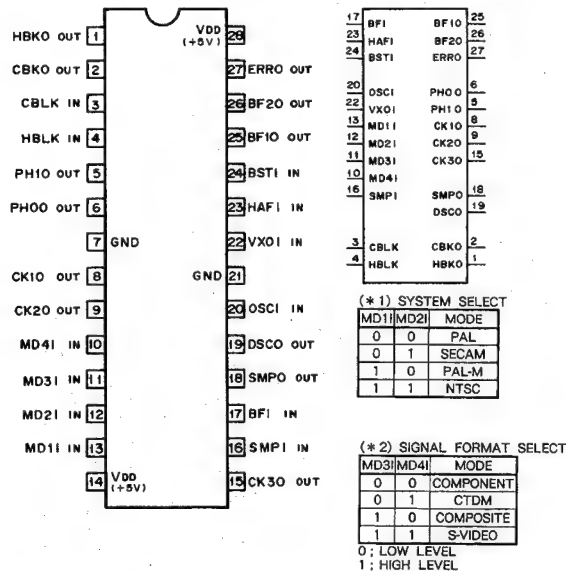
D0R - D7R : DATA BUS OF PORT R

73	A0L	A0R	20
70	A1L	A1R	19
69	A2L	A2R	18
68	A3L	A3R	17
67	A4L	A4R	16
66	A5L	A5R	15
65	A6L	A6R	14
64	A7L	A7R	13
63	A8L	A8R	11
62	A9L	A9R	10
61	A10L	A10R	9
1	D0L	D0R	28
80	D1L	D1R	27
79	D2L	D2R	26
78	D3L	D3R	25
77	D4L	D4R	24
76	D5L	D5R	23
75	D6L	D6R	22
74	D7L	D7R	21
2	WRL	WRR	29
3	RDL	RDR	30
4	WAITL	WAITR	31
5	CSL	CSR	32
6	CKL	CKR	33
36	CKT		
48	A0M		49
47	A1M		50
46	A2M		51
45	A3M		52
44	A4M		53
43	A5M		54
42	A6M		55
41	A7M		56
40	A8M		57
	A9M		58
	A10M		59
	CEM		60
	OEM		39
	WEM		37



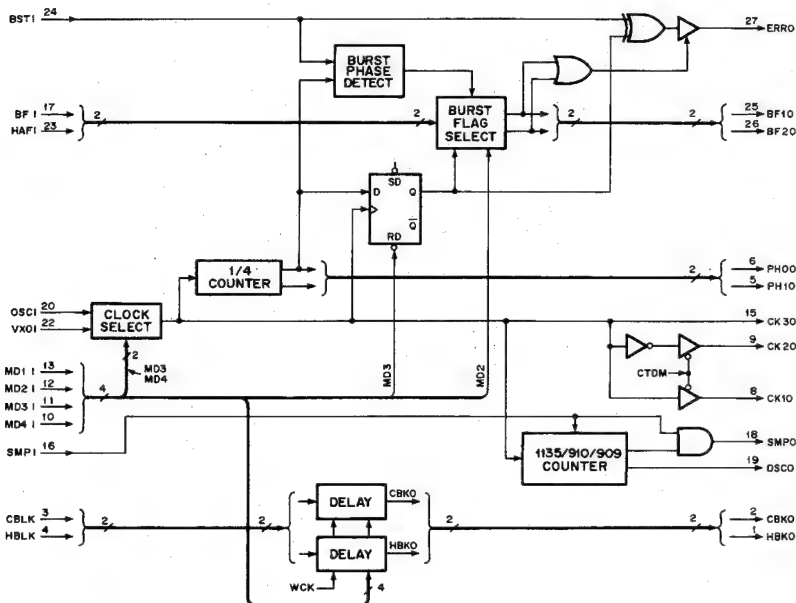
CXD8243AM (SONY) FLAT PACKAGE  
CXD8243AM-ER

C-MOS DIGITAL YC SEPARATOR/DECODER/CTDM CLOCK GENERATOR  
— TOP VIEW —

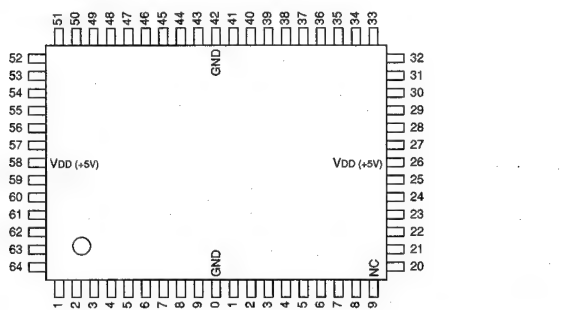


**INPUT**  
BFI : BURST FLAG  
BSTI : BURST FOR PHASE COMPARISON  
CBLK : CHROMA BLANKING PULSE  
HAFI : TRIGGER PULSE FOR BURST SAMPLING  
HBLK : H BLANKING PULSE  
MD1, 21 : SYSTEM SELECT (\*1)  
MD3, 41 : SIGNAL FORMAT SELECT (\*2)  
OSCI : H LOCK LOOP VCO  
SMP1 : TRAPEZOID SAMPLING PULSE OF THE H LOCK LOOP  
VXOI : BURST LOCK LOOP VXCO

**OUTPUT**  
BFI, 20 : BURST FLAG  
CBKO : CHROMA BLANKING PULSE  
CK1-30 : CLOCK SELECTED BY MODE  
DSCO : TRAPEZOID GENERATOR DISCHARGE PULSE  
ERRO : BURST PHASE COMPARISON ERROR  
HBKO : H BLANKING PULSE  
PHOO : 2FSC  
PHIO : FSC  
SMPO : TRAPEZOID SAMPLING PULSE OF THE H LOCK LOOP



CXD8277Q (SONY)  
C-MOS DIGITAL AUDIO (AES/EBU) ENCODER  
—TOP VIEW—



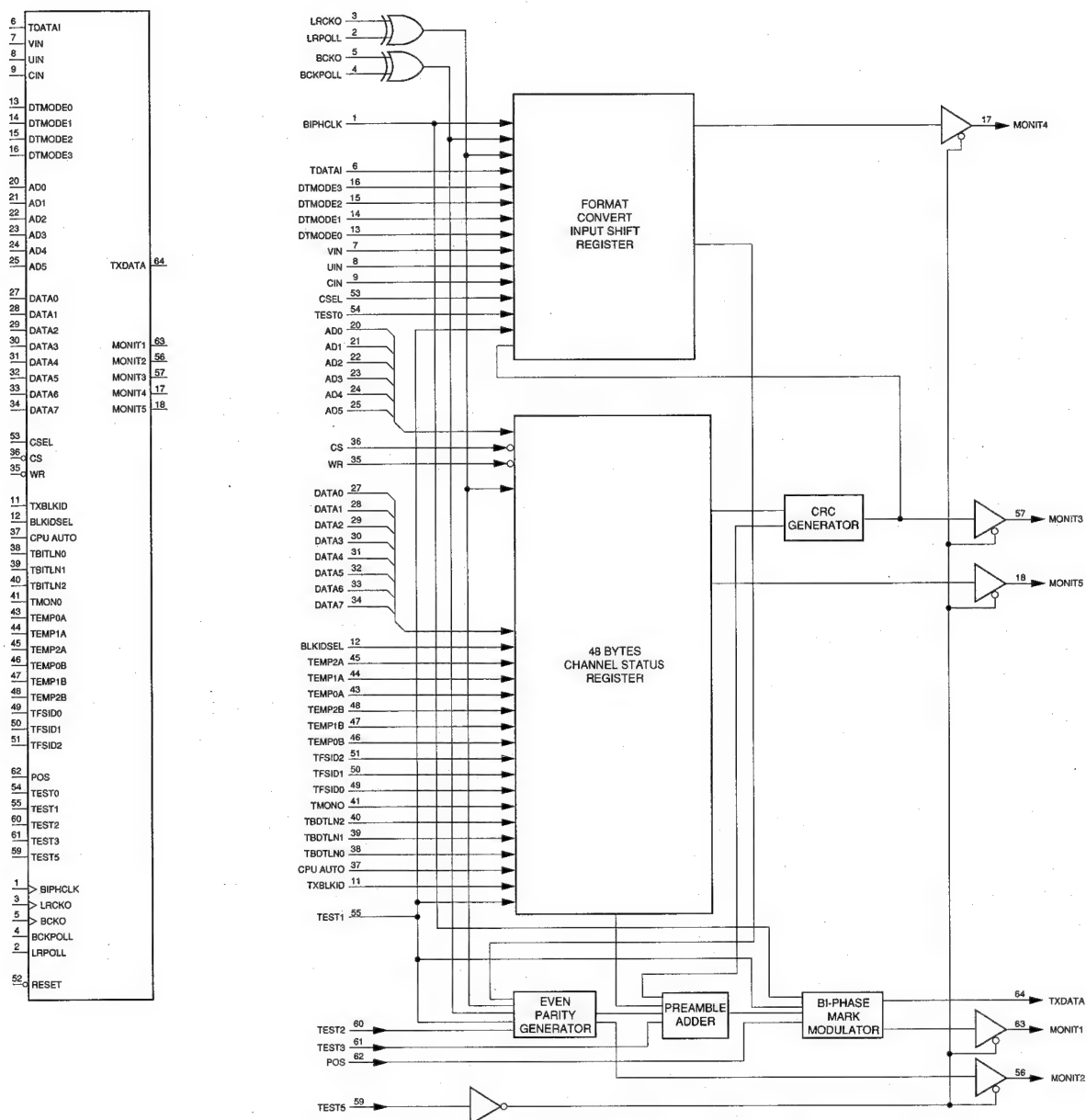
(VDD = +5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	BIPHCLK	17	O	MONIT4	33	I	DATA6	49	I	TFSID0
2	I	LRPOLL	18	O	MONIT5	34	I	DATA7	50	I	TFSID1
3	I	LRCKO	19	—	NC	35	I	WR	51	I	TFSID2
4	I	BCKPOLL	20	I	AD0	36	I	CS	52	I	RESET
5	I	BCKO	21	I	AD1	37	I	CPU AUTO	53	I	CSEL
6	I	TDATAI	22	I	AD2	38	I	TBITLN0	54	I	TEST0
7	I	VIN	23	I	AD3	39	I	TBITLN1	55	I	TEST1
8	I	UIN	24	I	AD4	40	I	TBITLN2	56	O	MONIT2
9	I	CIN	25	I	AD5	41	I	TMONO	57	O	MONIT3
10	—	GND	26	—	VDD	42	—	GND	58	—	VDD
11	I	TxBLKID	27	I	DATA0	43	I	TEMP0A	59	I	TEST5
12	I	BLKIDSEL	28	I	DATA1	44	I	TEMP1A	60	I	TEST2
13	I	DTMODE0	29	I	DATA2	45	I	TEMP2A	61	I	TEST3
14	I	DTMODE1	30	I	DATA3	46	I	TEMP0B	62	I	POS
15	I	DTMODE2	31	I	DATA4	47	I	TEMP1B	63	O	MONIT1
16	I	DTMODE3	32	I	DATA5	48	I	TEMP2B	64	O	TxDATA

**INPUT**  
ADD-AD5 : ADDRESS BUS FOR WRITING CHANNEL STATUS DATA FROM EXTERNAL CPU TO CHANNEL STATUS REGISTER  
BCKO : BIT CLOCK (64Fs, 32Fs) FOR TDATAI  
BCKPOLL : POLARITY SWITCHING OF BCKO (PIN No.5)  
BIPHCLK : 128Fs FOR DO OUTPUT  
BLKIDSEL : BLOCK ID EXTERNAL/INTERNAL SELECTION  
('H': INTERNAL MODE)  
CIN : SERIAL INPUT OF EACH SUB FRAME CHANNEL STATUS  
CPU AUTO : SWITCHING SIGNAL OF CPU AND AUTO MODE ('H': AUTO MODE)  
CS : CHIP SELECT SIGNAL FROM EXTERNAL CPU TO CHANNEL STATUS REGISTER ('L': SELECT, 'H': UNSELECT)  
CSEL : SELECTS THE USE OF CIN (EXTERNAL INPUT) OR INTERNAL REGISTER FOR CHANNEL STATUS DATA.  
('H': INTERNAL REGISTER)  
DATA0-DATA7 : DATA BUS FOR WRITING CHANNEL STATUS DATA FROM EXTERNAL CPU TO CHANNEL STATUS REGISTER  
DTMODE0-3 : DECISION OF DIGITAL AUDIO SIGNAL INPUT FORMAT  
LRCKO : L/R CLOCK FOR DIGITAL AUDIO SIGNAL OUTPUT  
LRPOLL : POLARITY SWITCHING OF LRCKO (PIN No.3)  
POS : FORCIBLY SETS PREAMBLE TO BE POSITIVE POLARITY ('H': ACTIVE)  
RESET : SETS TxDATA OUTPUT (AUDIO DATA, AND VALIDITY BIT, USER DATA AND CHANNEL STATUS DATA) TO BE '0'. ('L': ACTIVE)  
TBITLN0-2 : SUBFRAME A/B CHANNEL STATUS SETTING (DATA BIT LENGTH)  
TDATAI : DIGITAL AUDIO SIGNAL INPUT  
TEMP0A-2A : SUBFRAME A EMP INFORMATION  
TEMP0B-2B : SUBFRAME B EMP INFORMATION  
TEST0 : TEST RESET (CONNECTION TO GND)  
TEST1 : TEST RESET (CONNECTION TO GND)  
TEST2 : TEST  
TEST3 : TEST  
TEST5 : CONTROL SIGNAL OF MONIT1 TO 5  
TFSID0-2 : SUBFRAME A/B Fs INFORMATION  
TMONO : SUBFRAME A/B CHANNEL STATUS SETTING (MONOPHONIC/TWO CHANNEL MODE)  
TxBLKID : EXTERNAL BLOCK ID SIGNAL  
UNI : SERIAL INPUT OF EACH SUB FRAME USER DATA  
VIN : SERIAL INPUT OF EACH SUB FRAME VALIDITY BIT  
WR : CHANNEL STATUS DATA WRITING FROM EXTERNAL CPU TO CHANNEL STATUS REGISTER

**OUTPUT**  
MONIT1-5 : MONITOR  
TxDATA : AES/EBU FORMAT DIGITAL AUDIO OUTPUT



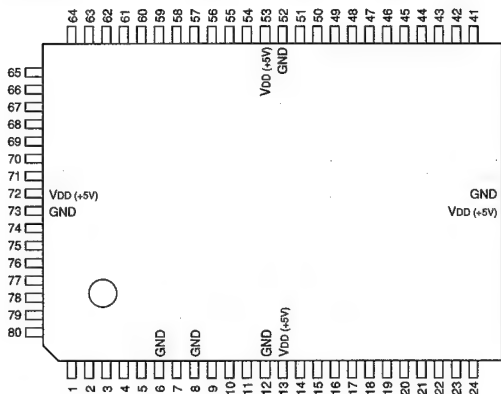




# CXD8278AQ (SONY)

## C-MOS DIGITAL AUDIO SIGNAL (AES/EBU) DECODER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	NOSGNL	21	I/O	FM12 TS4	41	I/O	RD LN2	61	I	BCKPOL
2	O	UNLOCK	22	I/O	FIXDPLLZ	42	I	CS	62	O	RXLN
3	O	SYNCERR	23	I/O	F128 TS2	43	O	INT	63	I	LRCKI
4	I	RXDATA	24	I	TST3	44	I	CPU AUTO	64	I	LRPOL
5	I	CLKIN	25	I/O	AD0 CON	45	I	TST1	65	O	RXBLKID
6	—	GND	26	I/O	AD1 NOA	46	O	SLIP0	66	O	CSAVLDTY
7	O	CLKOUT	27	I/O	AD2 FS0	47	O	SLIP1	67	O	CSBVLDTY
8	—	GND	28	I/O	AD3 FS1	48	I	DTMODE0	68	O	CRCA
9	O	FMASTER	29	I/O	AD4 FS2	49	I	DTMODE1	69	O	CRCB
10	I	PLLSEL	30	I/O	AD5 E0A	50	I	DTMODE2	70	I	MUTE0
11	O	PLLVAR	31	O	D0 E1A	51	I	DTMODE3	71	I	MUTE1
12	—	GND	32	—	VDD	52	—	GND	72	—	VDD
13	—	VDD	33	—	GND	53	—	VDD	73	—	GND
14	O	PLLREF	34	O	D1 E2A	54	O	COUT	74	I	MUTEON
15	I/O	LOCKPH0	35	O	D2 E0B	55	O	UOUT	75	O	VE3A
16	I/O	LOCKPH1	36	O	D3 E1B	56	O	VOUT	76	O	VE3B
17	I/O	LOCKPH2	37	O	D4 E2B	57	O	ERROR	77	O	VE1A
18	I/O	LOCKPH3	38	O	D5 MON	58	O	RDATA	78	O	VE1B
19	I/O	LOCKPH4	39	O	D6 LN0	59	O	RXBCK	79	O	PE1
20	I/O	LOCKPH5	40	O	D7 LN1	60	I	BCKI	80	O	PE3

48	DTMODE0	CONT	54		
49	DTMODE1	CONT	55		
50	DTMODE2	UOUT	56		
51	DTMODE3	RDATA	57		
74	MUTEON	ERROR	57		
70	MUTE0	SLIP0	46		
71	MUTE1	SLIP1	47		
83	LRCKI	NOSGNL	1		
80	LRPOL	UNLOCK	2		
84	LRPOL	PE1	79		
81	BCKPOL	PE3	80		
21	FM12 TS4	VE1A	77		
23	F128 TS2	VE1B	78		
9	FMASTER	VE3A	76		
5	CLKIN	VE3B	75		
7	CLKOUT	SYNCERR	3		
4	RXDATA	CRCA	68		
10	PLLSEL	CRCB	69		
59	RXBCK	CSAVLDTY	66		
11	PLLVAR	CSBVLDTY	67		
14	PLLREF				
22	FIXDPLLZ	RXLN	62		
15	LOCKPH0	RXBLKID	65		
16	LOCKPH1	D0 E1A	31		
17	LOCKPH2	D1 E2A	34		
18	LOCKPH3	D2 E0B	35		
19	LOCKPH4	D3 E1B	36		
20	LOCKPH5	D4 E2B	37		
25	AD0 CON	D5 MON	38		
26	AD1 NOA	D6 LN0	39		
27	AD2 FS0	D7 LN1	40		
28	AD3 FS1				
29	AD4 FS2	INT	43		
30	AD5 E0A				
41	RD LN2				
42	CPU AUTO				

### INPUT

BCKI : REFERENCE BIT CLOCK (64/32Fs)  
 BCKPOL : POLARITY SWITCHING SIGNAL OF BCKI (PIN NO.60) AND RXBCK (PIN NO.59)  
 CLKIN : MASTER CLOCK OSCILLATOR INPUT AT DIGITAL PLL  
 CPU AUTO : SELECTS CPU INTERFACE OR AUTO INTERFACE.  
 ("H" : AUTO INTERFACE, "L" : CPU INTERFACE)  
 CS : CHIP SELECT SIGNAL (INPUT FOR CHANNEL STATUS REGISTER) ("L" : SELECT)  
 DTMODE0-3 : OUTPUT FORMAT SPECIFYING CODE OF RDATA SIGNAL (PIN NO.58)  
 LRCKI : REFERENCE L/R CLOCK INPUT (Fs PERIOD)  
 LRPOL : POLARITY SWITCHING SIGNAL OF LRCKI (PIN NO.63) AND RXLR (PIN NO.62)  
 MUTE0, 1 : RDATA (PIN NO.58) MUTE PERIOD SETTING CODE  
 MUTEON : "L" : AUDIO OUTPUT BE FORCIBLY MUTE ON FOR A CERTAIN PERIOD  
 PLLSEL : "L" : ANALOG PLL, "H" : DIGITAL PLL  
 RXDATA : AES/EBU INPUT  
 TST1 : TEST INPUT (NORMALLY FIXED TO "L")  
 TST3 : TEST PIN (FIXED TO "L")

### OUTPUT

CLKOUT : MASTER CLOCK OSCILLATOR OUTPUT AT DIGITAL PLL  
 COUT : C BIT STATUS SIGNAL EXTRACTED FROM AES/EBU INPUT SIGNAL.  
 CRCA, CRCB : OUTPUTS THE RESULT OF CHANNEL STATUS CRC CHECK OF SUBFRAME A AND B AT ERROR OCCURRING

### CSAVLDTY, CSBVLDTY

D0 E1A : SUBFRAME A AND B CHANNEL STATUS  
 D1 E2A : SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")  
 D2 E0B : SUBFRAME B CHANNEL STATUS (CPU AUTO : "H")  
 D3 E1B : SUBFRAME B CHANNEL STATUS (CPU AUTO : "H")  
 D4 E2B : SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")  
 D5 MON : SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")  
 D6 LN0 : SUBFRAME A/B CHANNEL STATUS (CPU AUTO : "H")  
 D7 LN1 : SUBFRAME A/B CHANNEL STATUS (CPU AUTO : "H")  
 ERROR : ERROR INFORMATION OUTPUT (PARITY, SLIP ERROR, etc.) IN SERIAL  
 FMASTER : MASTER CLOCK OUTPUT  
 INT : INTERRUPTION SIGNAL OUTPUT

### NO SIGNAL DETECTION

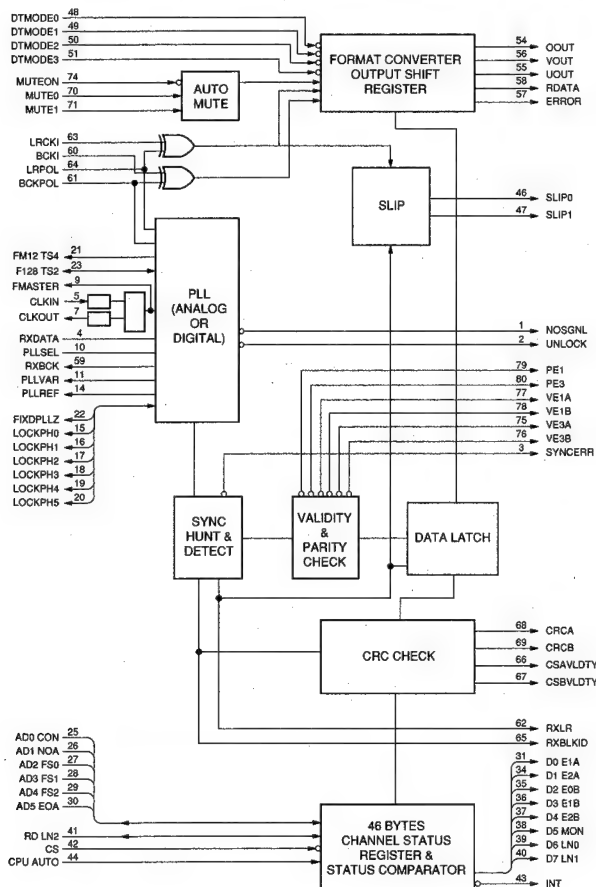
PARITY ERROR DETECTION OUTPUT (1 SUBFRAM)  
 PARITY ERROR DETECTION OUTPUT (3 SUBFRAMS CONTINUOUSLY)  
 RXDATA SYNC DETECTION  
 PLLREF : ANALOG PLL MASTER CLOCK 1/256 (2Fs) SIGNAL  
 RDATA : AES/EBU INPUT SIGNAL DEMODULATED SIGNAL OUTPUT  
 RXBCK : BIT CLOCK OUTPUT GENERATED FROM AES/EBU INPUT SIGNAL  
 RXBLKID : BLOCK ID SIGNAL

### REFERENCE L/R CLOCK OUTPUT (Fs PERIOD)

SLIP0, SLIP1 : DATA SLIP DETECTION  
 SYNCERR : SYNC ERROR DETECTION OUTPUT.  
 UNLOCK : DIGITAL PLL UNLOCK DETECTION OUTPUT.  
 U BIT (USER DATA BIT) STATUS SIGNAL EXTRACTED FROM RXDATA SIGNAL  
 VE1A : VALIDITY ERROR DETECTION OUTPUT (ONE SUBFRAM A).  
 VE1B : VALIDITY ERROR DETECTION OUTPUT (ONE SUBFRAM B).  
 VE3A : VALIDITY ERROR DETECTION OUTPUT  
 (3FRAMS CONTINUOUSLY FOR SUBFRAM A)  
 VE3B : VALIDITY ERROR DETECTION OUTPUT  
 (3FRAMS CONTINUOUSLY FOR SUBFRAM B)  
 VOUT : V BIT (VALIDITY BIT) STATUS SIGNAL EXTRACTED FROM RXDATA SIGNAL

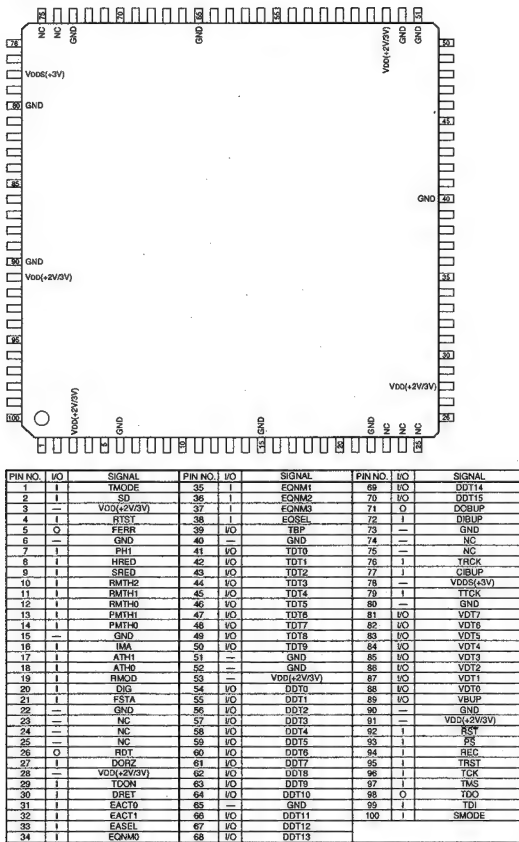
### INPUT/OUTPUT

AD0 CON : CHANNEL STATUS (CPU AUTO : "H")  
 AD1 NOA : CHANNEL STATUS (CPU AUTO : "H")  
 AD2 FS0 : CHANNEL STATUS (CPU AUTO : "H")  
 AD3 FS1 : CHANNEL STATUS (CPU AUTO : "H")  
 AD4 FS2 : CHANNEL STATUS (CPU AUTO : "H")  
 AD5 E0A : SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")  
 F128 TS2 : OUTPUTS 128Fs OF DIGITAL PLL.  
 FIXDPLL : PLLSEL : "H",  
 DIGITAL PLL OPERATION MODE SELECTION SIGNAL  
 ("N" : NARROW MODE, "H" : WIDE MODE)  
 FM12 TS4 : 1/2 MCK OUTPUT  
 LOCKPH0-5 : PLLSEL : "H", FIXDPLL : "H"  
 OPERATION PERIOD SETTING DATA INPUT AT NARROW MODE  
 (DIGITAL PLL MODE)  
 RD LN2 : SUBFRAME A/B CHANNEL STATUS (CPU AUTO : "H")

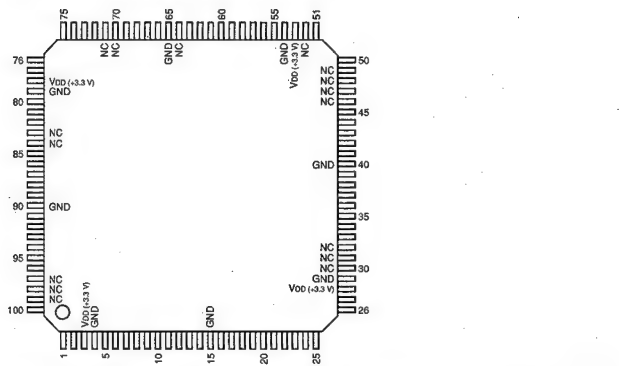




## CXD8608R (SONY)

C-MOS DIGITAL ENCODE/DECODE  
-TOP VIEW-

## CXD8969AR (SONY)

C-MOS SDDI INTERFACE (GATE ARRAY)  
-TOP VIEW-

(VDD = +3.3 V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	REFH	21	I	CADRS4	41	O	DOUT5	61	I	APDEP2	81	I	SOPMD
2	I	RST	22	I	CADRS5	42	O	DOUT6	62	O	ADEN2	82	I	CHMD
3	—	VDD	23	I	CADRS6	43	O	DOUT7	63	O	ADEN2	83	—	NC
4	—	GND	24	I	CADRS7	44	O	DOUT8	64	—	NC	84	—	NC
5	I/O	SYSIO0	25	O	SYSF	45	O	DOUT9	65	—	GND	85	I	DIN0
6	I/O	SYSIO1	26	O	SYSH	46	—	NC	66	O	SUOP1	86	I	DIN1
7	I/O	SYSIO2	27	O	SYSV	47	—	NC	67	O	SUOP0	87	I	DIN2
8	I/O	SYSIO3	28	—	VDD	48	—	NC	68	I	SUIP1	88	I	DIN3
9	I/O	SYSIO4	29	—	GND	49	—	NC	69	I	SUIP0	89	I	DIN4
10	I/O	SYSIO5	30	—	NC	50	O	PCERD	70	—	NC	90	—	GND
11	I/O	SYSIO6	31	—	NC	51	O	SWDET	71	—	NC	91	I	DIN5
12	I/O	SYSIO7	32	—	NC	52	—	NC	72	O	TP4	92	I	DIN6
13	I	STAT1	33	I	OENBL	53	—	VDD	73	O	TP3	93	I	DIN7
14	I	CCS	34	O	PRTY0	54	—	GND	74	O	TP2	94	I	DIN8
15	—	GND	35	O	DOUT0	55	I	APDEP0	75	O	TP1	95	I	DIN9
16	I	STAT0	36	O	DOUT1	56	O	ADEN0	76	O	TP0	96	I	PRTY1
17	I	STRB	37	O	DOUT2	57	O	ADEN1	77	I	TEST	97	—	NC
18	I	CADRS1	38	O	DOUT3	58	I	APDEP1	78	—	VDD	98	—	NC
19	I	CADRS2	39	O	DOUT4	59	O	ADEN2	79	—	GND	99	—	NC
20	I	CADRS3	40	—	GND	60	O	ADEN3	80	I	CK	100	I	REFH

## INPUT

APDEP0 - APDEP2 : CH-0, 1, 2 DATA END  
 CADRS1 - CADRS7 : ADDRESS  
 CCS : CHIP SELECT  
 CHMD : CPU I/F MODE SETTING  
 CK : SYSTEM CLOCK  
 DIN0 - DIN9 : PARALLEL DATA  
 OENBL : DIN0 - DIN9 OUTPUT ENABLE  
 PRTY1 : DIN0 - DIN9 PARITY  
 REFH : REFERENCE FRAME  
 REFH : REFERENCE H  
 RST : SYSTEM RESET  
 SOPMD : TX/RX MODE SETTING  
 STAT0, STAT1 : BUS STATUS 0, 1  
 STRB : STROBE  
 SUIP0, SUIP1 : INPUT PORT 0, 1  
 TEST : TEST FOR IC (GND CONNECT)

## OUTPUT

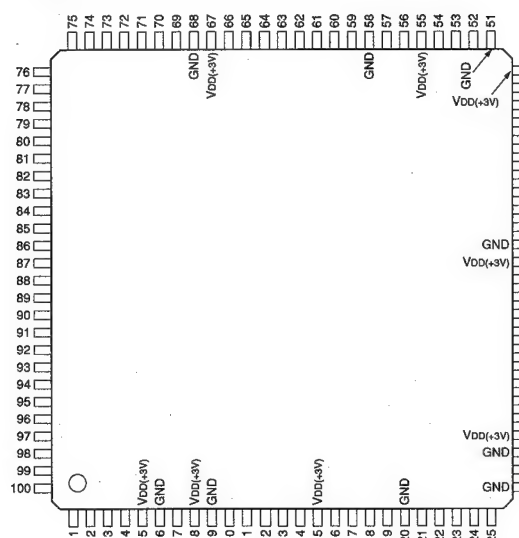
ADEN0 - ADEN2 : CH-0, 1, 2 DATA ENABLE  
 AINT0 - AINT2 : CH-0, 1, 2 INTERRUPT  
 DOUT0 - DOUT9 : PARALLEL DATA  
 PCERD : PAYLOAD CRC ERROR DETECT  
 PRTY0 : DOUT0 - DOUT9 PARITY  
 SUOP0, SUOP1 : OUTPUT PORT 0, 1  
 SWDET : SWITCHING DETECT  
 SYSF : REFERENCE FRAME  
 SYSH : REFERENCE H  
 SYSV : V BLANKING  
 TP0 - TP4 : TEST POINT 0 - 4

## INPUT/OUTPUT

SYSIO0 - SYSIO7 : DATA BUS



## CXD8627AR (SONY)

C-MOS VIDEO AUXILIARY DATA READ/WRITE  
- TOP VIEW -

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	TST-CTL1	35	I/O	SFDT11	69	I	TST-AA0
2	I	TST-CTL2	36	I/O	SFDT10	70	I	TST-AA1
3	I	TST-CTL3	37	I/O	SFDT9	71	I	TST-AA2
4	I	TST-CTL4	38	I/O	SFDT8	72	I	TST-AA3
5	—	VDD(+3V)	39	—	VDD(+3V)	73	I	TST-AA4
6	—	GND	40	—	GND	74	I	TST-AA5
7	I	8-B COM	41	I/O	SFDT7	75	I	TST-AA6
8	—	VDD(+3V)	42	I/O	SFDT6	76	I	TST-AA7
9	—	GND	43	I/O	SFDT5	77	I	TST-AB0
10	I	RST	44	I/O	SFDT4	78	I	TST-AB1
11	I	SCK	45	I/O	SFDT3	79	I	TST-AB2
12	O	S-DATA OUT	46	I/O	SFDT2	80	I	TST-AB3
13	I	S-DATA IN	47	I/O	SFDT1	81	I	TST-AB4
14	I	CS	48	I/O	SFDT0	82	I	TST-AB5
15	—	VDD(+3V)	49	I	BUPFS	83	I	TST-AB6
16	I	THRU/NORM SEL	50	—	VDD(+3V)	84	I	TST-AB7
17	O	AUX-IOEC	51	—	GND	85	I	TST-D0
18	I	IND EN	52	I	R/P SEL	86	I	TST-D1
19	I	VI-EN	53	I	ADV0	87	I	TST-D2
20	—	GND	54	I	ADV1	88	I	TST-D3
21	I	AU-DATA	55	—	VDD(+3V)	89	I	TST-D4
22	I	AU-START	56	I	TRK-PLS	90	I	TST-D5
23	I	AU-DATA EN	57	I	FLD-PLS	91	I	TST-D6
24	O	AUX-START	58	—	GND	92	I	TST-D7
25	I	P-SAVE	59	O	PERI CNT0	93	O	TST-O0
26	—	GND	60	O	PERI CNT1	94	O	TST-O1
27	I	CK	61	O	PERI CNT2	95	O	TST-O2
28	—	GND	62	O	PERI CNT3	96	O	TST-O3
29	—	VDD(+3V)	63	O	MODE0	97	O	TST-O4
30	I	SYS SEL	64	O	MODE1	98	O	TST-O5
31	I/O	SFDT15	65	O	MODE2	99	O	TST-O6
32	I/O	SFDT14	66	O	MODE3	100	O	TST-O7
33	I/O	SFDT13	67	—	VDD(+3V)			
34	I/O	SFDT12	68	—	GND			

7	S-COM	AUX-IOEC	17	
53	ADV0	AUX-START	24	
54	ADV1	MODE0	83	
21	AU-DATA	MODE1	64	
23	AU-DATA EN	MODE2	65	
25	AU-START	MODE3	66	
49	BUPFS	PERI CNT0	59	
27	CK	PERI CNT1	60	
14	CS	PERI CNT2	61	
57	FLD-PLS	PERI CNT3	62	
18	IND EN	S-DATA OUT	12	
25	P-SAVE	TST-O0	93	
52	R/P SEL	TST-O1	94	
11	SCK	TST-O2	95	
15	S-DATA IN	TST-O3	96	
30	SYS SEL	TST-O4	97	
16	THRU/NORM SEL	TST-O5	98	
55	TRK-PLS	TST-O6	99	
69	TST-AA0	TST-O7	100	
70	TST-AA1			
71	TST-AA2	SFDT15	31	
72	TST-AA3	SFDT14	32	
73	TST-AA4	SFDT13	33	
74	TST-AA5	SFDT12	34	
75	TST-AA6	SFDT11	35	
76	TST-AA7	SFDT10	36	
77	TST-AB0	SFDT9	37	
78	TST-AB1	SFDT8	38	
79	TST-AB2	SFDT7	39	
80	TST-AB3	SFDT6	40	
81	TST-AB4	SFDT5	41	
82	TST-AB5	SFDT4	42	
83	TST-AB6	SFDT3	43	
84	TST-AB7	SFDT2	44	
1	TST-CTL1	SFDT1	45	
2	TST-CTL2	SFDT0	46	
3	TST-CTL3		47	
4	TST-CTL4		48	
85	TST-D0			
86	TST-D1			
87	TST-D2			
88	TST-D3			
89	TST-D4			
90	TST-D5			
91	TST-D6			
92	TST-D7			
19	VI-EN			

<b>INPUT</b>	
8-B COM	: H : 8-BYTE COM, L : NORMAL
ADV0, ADV1	: OUTPUT TIMING ADVANCE CONTROL
AU-DATA	: AUDIO SERIAL DATA
AU-DATA EN	: AUDIO SERIAL DATA ENABLE
AU-START	: AUDIO START
BUPFS	: FDF DATA TIMING
CK	: MAIN CLOCK (18.1MHz)
CS	: CHIP SELECT
FLD-PLS	: FIELD REFERENCE PULSE
IND EN	: INDI AUDIO ENABLE
P-SAVE	: POWER SAVE (H : POWER SAVE)
R/P SEL	: REC/PB SEL (H : REC, L : PB)
RST	: SYSTEM RESET
SCK	: SERIAL COMMUNICATION CLOCK
S-DATA IN	: SERIAL COMMUNICATION DATA
SYS SEL	: SYSTEM SELECT (H : PAL, L : NTSC)
THRU/NORM SEL	: THROUGH/NORMAL SELECT (H : THROUGH, L : NORMAL)
TRK-PLS	: TRACK REFERENCE PULSE
TST-AA0 - TST-AA7	: FOR TEST
TST-AB - TST-AB7	: FOR TEST
TST-CTL1 - TST-CTL4	: FOR TEST
TST-D0 - TST-D7	: FOR TEST
VI-EN	: VIDEO ENABLE

<b>OUTPUT</b>	
AUX-IOEC	: I/O ENABLE CONTROL
AUX-START	: AUXILIARY START
MODE0 - MODE3	: MODE COMMAND
PERI CNT0 - PERI CNT3	: PERIPHERAL IC CONTROL COMMAND
S-DATA OUT	: SERIAL COMMUNICATION DATA
TST-O0 - TST-O7	: FOR TEST

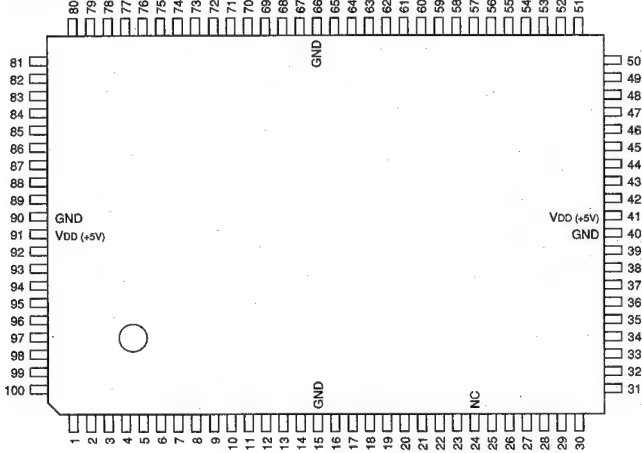
<b>INPUT/OUTPUT</b>	
SFDT15 - SFDT0	: SYF/FDF DATA BUS



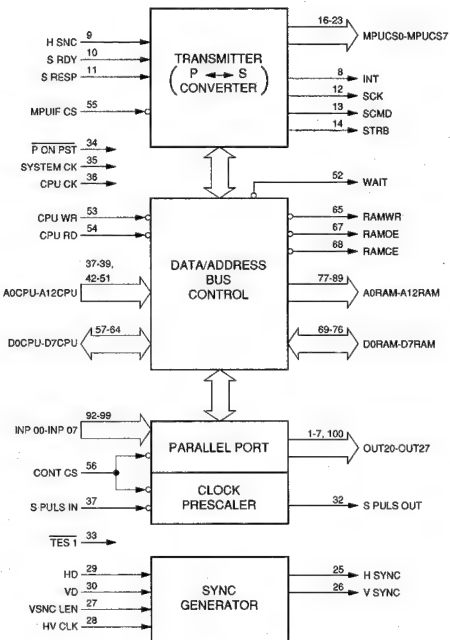
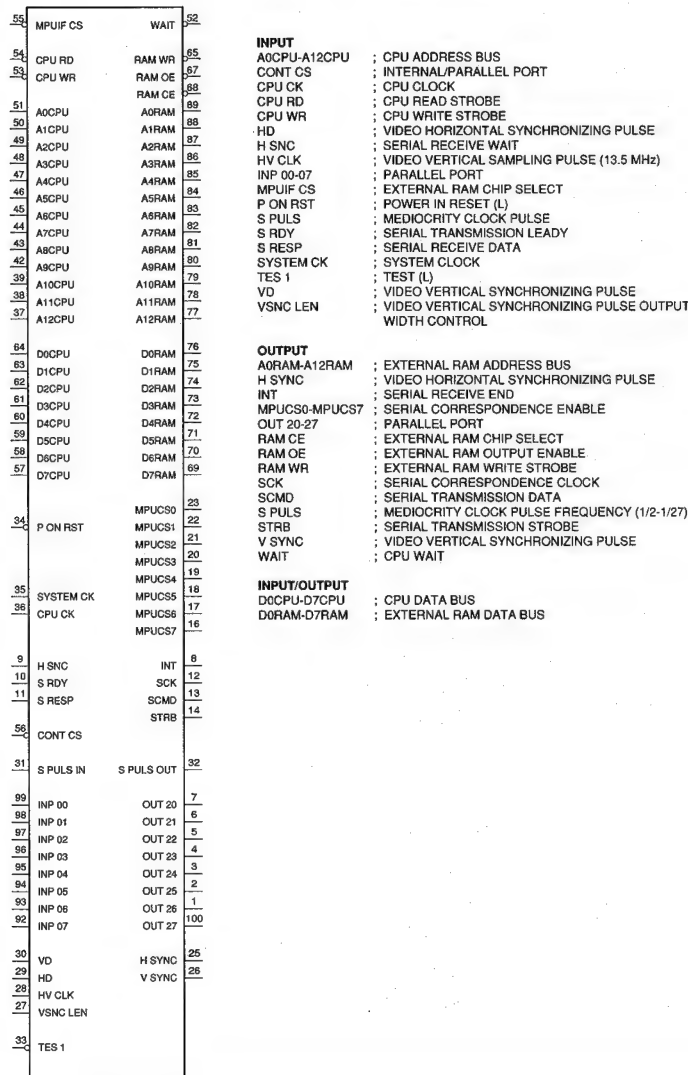
## CXD8804Q (SONY)

## C-MOS 8-MPU COMMUNICATION CONTROLLER WITH PARALLEL PORT

—TOP VIEW—

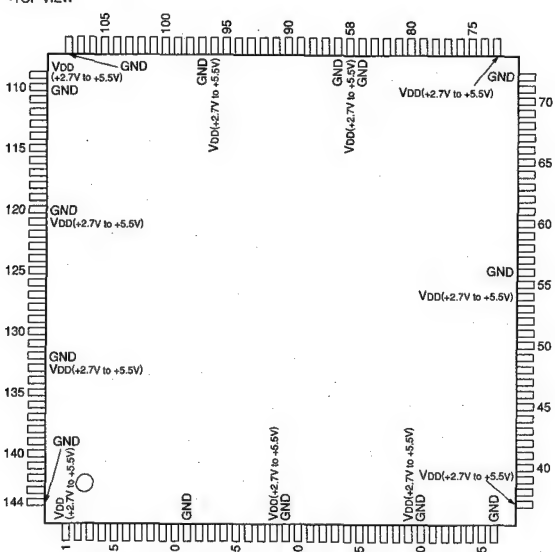


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	OUT26	26	O	V SYNC	51	I	A0 CPU	76	I/O	D0 RAM
2	O	OUT25	27	I	VSNC LEN	52	O	WAIT	77	O	A12 RAM
3	O	OUT24	28	I	HV CLK	53	I	CPU WR	78	O	A11 RAM
4	O	OUT23	29	I	HD	54	I	CPU RD	79	O	A10 RAM
5	O	OUT22	30	I	VD	55	I	MPUIF CS	80	O	A9 RAM
6	O	OUT21	31	I	S PULS IN	56	I	CONT CS	81	O	A8 RAM
7	O	OUT20	32	O	S PULS OUT	57	I/O	D7 CPU	82	O	A7 RAM
8	O	INT	33	I	TES 1	58	I/O	D6 CPU	83	O	A6 RAM
9	I	H SNC	34	I	P ON RST	59	I/O	D5 CPU	84	O	A5 RAM
10	I	S RDY	35	I	SYSTEM CK	60	I/O	D4 CPU	85	O	A4 RAM
11	I	S RESP	36	I	CPU CK	61	I/O	D3 CPU	86	O	A3 RAM
12	O	SCK	37	I	A12 CPU	62	I/O	D2 CPU	87	O	A2 RAM
13	O	SCMD	38	I	A11 CPU	63	I/O	D1 CPU	88	O	A1 RAM
14	O	STRB	39	I	A10 CPU	64	I/O	D0 CPU	89	O	A0 RAM
15	—	GND	40	—	GND	65	O	RAM WR	90	—	GND
16	O	MPUCS7	41	—	VDD	66	—	GND	91	—	VDD
17	O	MPUCS6	42	I	A9 CPU	67	O	RAM OE	92	I	INP 07
18	O	MPUCS5	43	I	A8 CPU	68	O	RAMCE	93	I	INP 06
19	O	MPUCS4	44	I	A7 CPU	69	O	D7 RAM	94	I	INP 05
20	O	MPUCS3	45	I	A6 CPU	70	I/O	D6 RAM	95	I	INP 04
21	O	MPUCS2	46	I	A5 CPU	71	I/O	D5 RAM	96	I	INP 03
22	O	MPUCS1	47	I	A4 CPU	72	I/O	D4 RAM	97	I	INP 02
23	O	MPUCS0	48	I	A3 CPU	73	I/O	D3 RAM	98	I	INP 01
24	—	N.C	49	I	A2 CPU	74	I/O	D2 RAM	99	I	INP 00
25	O	H SYNC	50	I	A1 CPU	75	I/O	D1 RAM	100	O	OUT 27





CXD8628AR (SONY)  
VIDEO SIGNAL PROCESSOR  
-TOP VIEW-

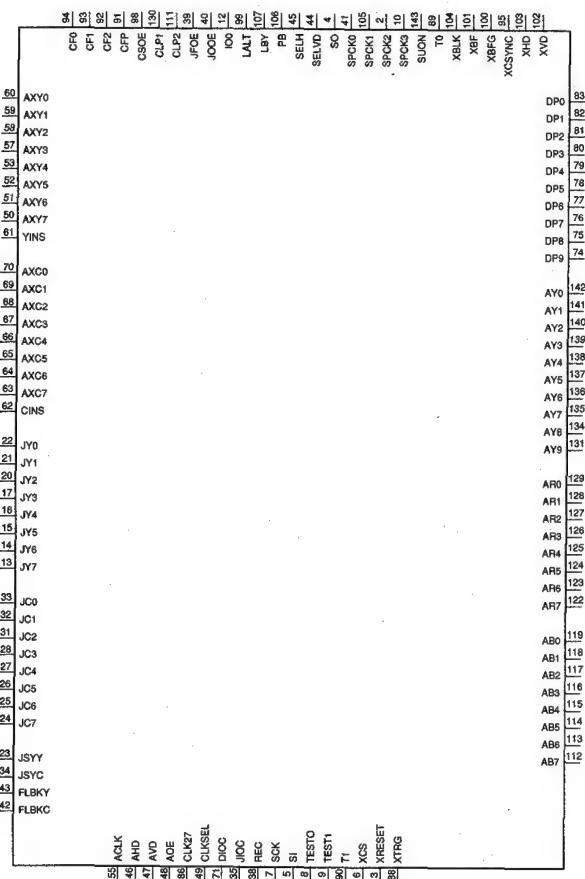


REC	AY0 - AY9	AB0 - AB7	AR0 - AR7	JSYY	JSYC
1	INPUT	INPUT	INPUT	OUTPUT	OUTPUT
0	OUTPUT	OUTPUT	OUTPUT	INPUT	INPUT

DI0C	DP0 - DP9
1	OUTPUT
0	INPUT

REC	JIOC	JY0 - JY7	JC0 - JC7
1	1	OUTPUT	OUTPUT
1	0		
0	1	INPUT	INPUT
0	0		

1 : HIGH LEVEL  
0 : LOW LEVEL



(VDD = +2.7V to +5.5V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	37	—	VDD	73	—	VDD	109	—	VDD
2	O	SPCK2	38	I	REC	74	I/O	DP9	110	—	GND
3	I	XRESET	39	O	JFOE	75	I/O	DP8	111	O	CLP2
4	O	SO	40	O	JOOE	76	I/O	DP7	112	I/O	AB7
5	I	SI	41	O	SPCKO	77	I/O	DP6	113	I/O	AB6
6	I	XSC	42	I	FLBKC	78	I/O	DP5	114	I/O	AB5
7	I	SCK	43	I	FLBKY	79	I/O	DP4	115	I/O	AB4
8	I	TEST0	44	O	SELVD	80	I/O	DP3	116	I/O	AB3
9	I	TEST1	45	O	SELH	81	I/O	DP2	117	I/O	AB2
10	O	SPCK3	46	I	AHD	82	I/O	DP1	118	I/O	AB1
11	—	GND	47	I	AVD	83	I/O	DP0	119	I/O	AB0
12	O	IOO	48	I	AOE	84	—	GND	120	—	GND
13	I/O	JY7	49	I	CLKSEL	85	—	VDD	121	—	VDD
14	I/O	JY6	50	I	AXY7	86	I	CLK27	122	I/O	AR7
15	I/O	JY5	51	I	AXY6	87	—	GND	123	I/O	AR6
16	I/O	JY4	52	I	AXY5	88	I	XTRG	124	I/O	AR5
17	I/O	JY3	53	I	AXY4	89	O	T0	125	I/O	AR4
18	—	VDD	54	—	VDD	90	I	T1	126	I/O	AR3
19	—	GND	55	I	ACLK	91	O	CFP	127	I/O	AR2
20	I/O	JY2	56	—	GND	92	O	CF2	128	I/O	AR1
21	I/O	JY1	57	I	AXY3	93	O	CF1	129	I/O	AR0
22	I/O	JY0	58	I	AXY2	94	O	CF0	130	O	CLP1
23	I/O	JSYY	59	I	AXY1	95	O	XCSYNC	131	I/O	AY9
24	I/O	JC7	60	I	AXY0	96	—	VDD	132	—	GND
25	I/O	JC6	61	I	YINS	97	—	GND	133	—	VDD
26	I/O	JC5	62	I	CINS	98	O	CSOE	134	I/O	AY8
27	I/O	JC4	63	I	AXC7	99	O	LALT	135	I/O	AY7
28	I/O	JC3	64	I	AXC6	100	O	XBFG	136	I/O	AY6
29	—	VDD	65	I	AXC5	101	O	XBF	137	I/O	AY5
30	—	GND	66	I	AXC4	102	O	XVD	138	I/O	AY4
31	I/O	JC2	67	I	AXC3	103	O	XHD	139	I/O	AY3
32	I/O	JC1	68	I	AXC2	104	O	XBLK	140	I/O	AY2
33	I/O	JC0	69	I	AXC1	105	O	SPCK1	141	I/O	AY1
34	I/O	JSYC	70	I	AXC0	106	O	PB	142	I/O	AY0
35	I	JIOC	71	I	DI0C	107	O	LBV	143	O	SUON
36	—	GND	72	—	GND	108	—	GND	144	—	GND

INPUT

AXC0-AXC7 : C AUX DATA (8 BIT OFFSET BINARY DATA)  
 AXY0-AXY7 : Y AUX DATA (8 BIT OFFSET BINARY DATA)  
 ACLK : 13.5 MHz EXTERNAL CLOCK  
 AHD : EXTERNAL REFERENCE HD  
 AVD : EXTERNAL REFERENCE VD  
 AOE : EXTERNAL REFERENCE OE  
 CINS : C AUX DATA INSERT (H : INS / L : NORMAL)  
 CLK27 : 27 MHz MASTER CLOCK  
 CLKSEL : 13.5 MHz INTERNAL CLOCK SELECT (H : CLK27 / L : ACLK)  
 DI0C : DIO BUS CONTROL (H : OUTPUT / L : INPUT)  
 FLBKC : C PLAYBACK OE  
 FLBKY : Y PLAYBACK OE  
 JIOC : JIO BUS CONTROL (H : NORMAL / L : HI-Z)  
 REC : MODE SELECT (H : REC / L : PB)  
 SCK : COMMUNICATION CLOCK  
 SI : COMMUNICATION SERIAL DATA  
 TEST0, TEST1, T1 : TEST (H : NORMAL)  
 XCS : COMMUNICATION CHIP SELECT  
 XRESET : SYSTEM RESET (H : NORMAL / L : RESET)  
 XTRG : VTR SELF CHECK  
 YINS : Y AUX DATA INSERT (H : INS / L : NORMAL)

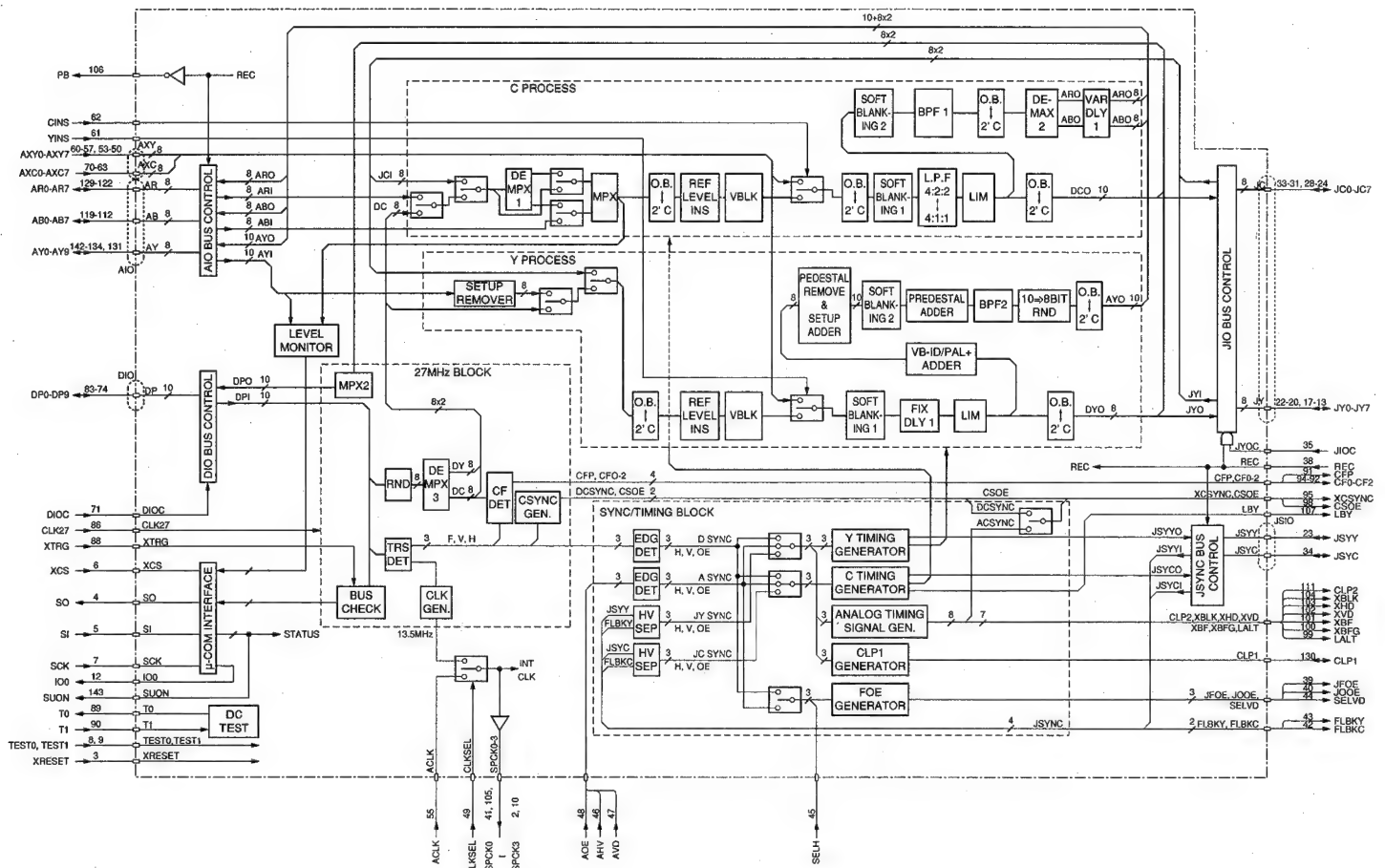
OUTPUT

CF0-CF2 : COLOR FRAME DATA  
 CFP : COLOR FRAME PILSE  
 CSOE : SYNCHRONISED OE SYNC BY COMP SYNC  
 CLP1, CLP2 : CLAMP SIGNAL OF A/D, D/A  
 JFOE : FORCED OE  
 JOOE : SELECTED OE  
 IOO : I/O PORT (RESERVED)  
 LALT : LINE ALTERNATE  
 LBV : CHROMA SELECT SIGNAL AT MIX MODE (H : R-Y / L : B-Y)  
 PB : INVERT OUTPU OF REC INPUT (H : PB / L : REC)  
 SELH : SELECTED HD  
 SELVD : SELECTED VD  
 SO : COMMUNICATION SERIAL DATA  
 SPCKO-SPCK2 : SELECTED 13.5 MHz CLOCK  
 SUON : H : SETUP OPERATE, L : SETUP NON PERATE  
 TO : TEST (OPEN : NORMAL)  
 XBLK : COMPOSITE BLANKING  
 XBF : BURST FLUG  
 XBFG : XBF SEMI WIDE PULSE  
 XCSYNC : COMPOSITE SYNC SIGNAL  
 XHD : PLAYBACK HD  
 XVD : PLAYBACK VD

INPUT/OUTPUT

AY0-AY9 : ANALOG Y DATA  
 AB0-AB7 : ANALOG CHROMA DATA (SEP MODE : B-Y, MIX MODE : NOT USED)  
 AR0-AR7 : ANALOG CHROMA DATA (SEP MODE : R-Y, MIX MODE : MIXC)  
 DP0-DP9 : DIGITAL PARALLEL DATA INPUT/DISITAL MIX(BYR) OUTPUT  
 JC0-JC7 : C DATA FOR J-CORE  
 JY0-JY7 : Y DATA FOR J-CORE  
 JSYC : C REFERENCE SYNC  
 JSYY : Y REFERENCE SYNC

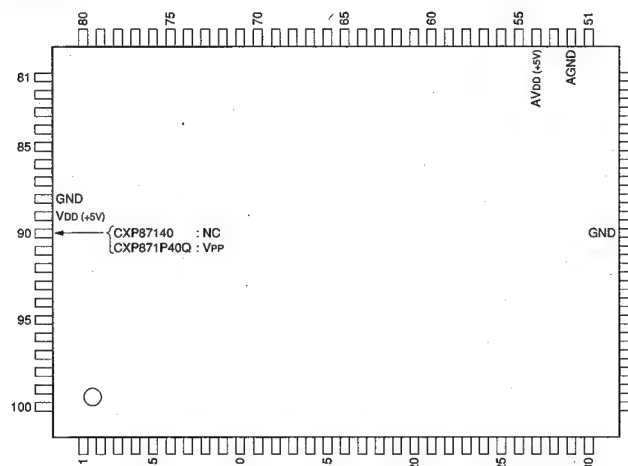






# CXP871P40Q-2 (SONY)

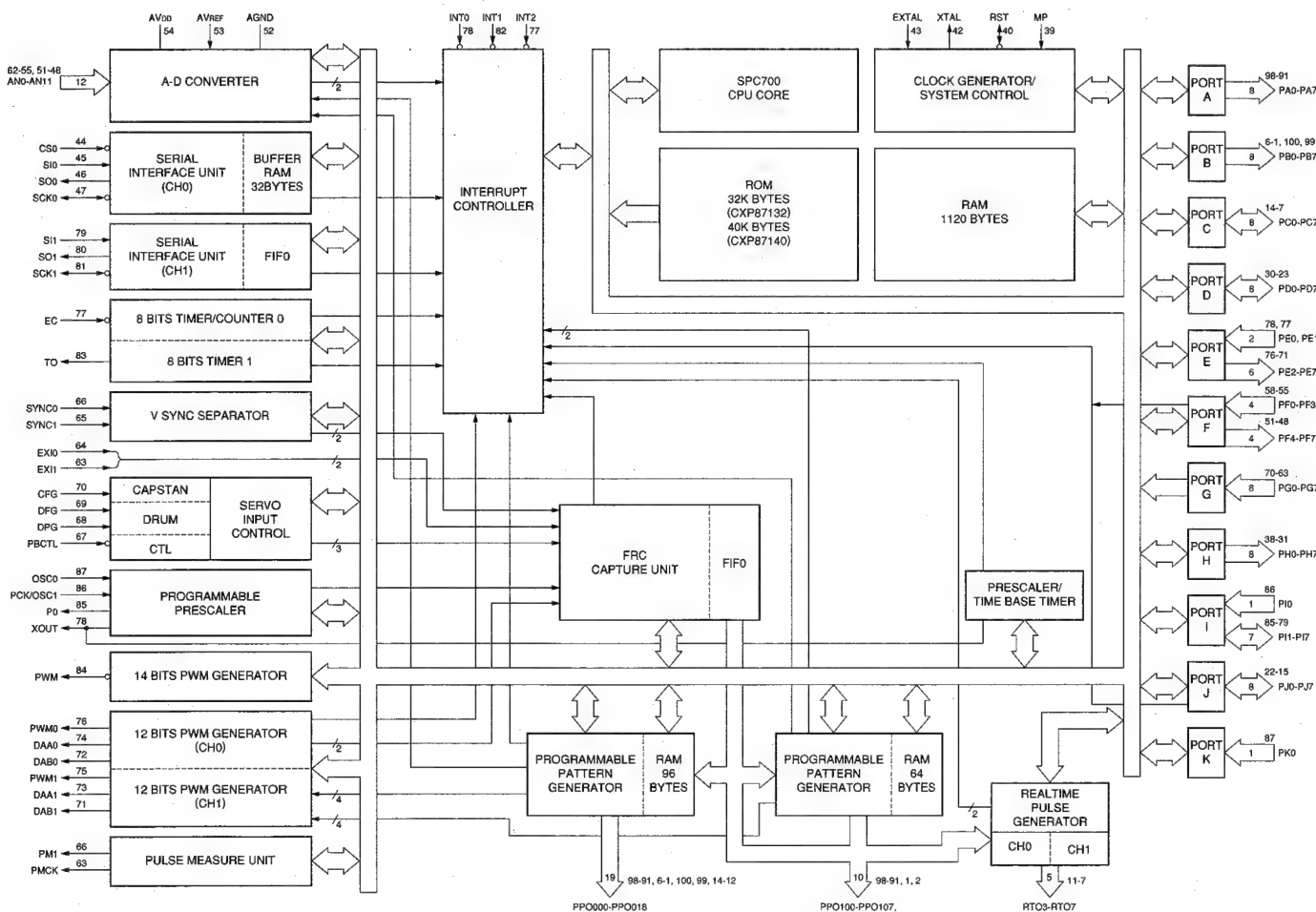
C-MOS 8-BIT MICROCOMPUTER  
-TOP VIEW-



(VDD = AVDD = +5 V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	PB5/PP0013/PP0113	26	I/O	PD4	51	I/O	PF4/AN8	76	O	PE2/PWM0
2	O	PB4/PP0012/PP0112	27	I/O	PD3	52	—	AGND	77	I	PE1/EC/INT2
3	O	PB3/PP0011	28	I/O	PD2	53	—	AVREF	78	I	PE0/INT0/XOUT
4	O	PB2/PP0010	29	I/O	PD1	54	—	AVDD	79	I/O	PI7/SH
5	O	PB1/PP0009	30	I/O	PD0	55	I	PF3/AN7	80	I/O	PI6/SO1
6	O	PB0/PP0008	31	O	PH7	56	I	PF2/AN6	81	I/O	PI5/SCK1
7	I/O	PC7/RT07	32	O	PH6	57	I	PF1/AN5	82	I/O	PI4/INT1
8	I/O	PC6/RT06	33	O	PH5	58	I	PF0/AN4	83	I/O	PI3/TO
9	I/O	PC5/RT05	34	O	PH4	59	I	AN3	84	I/O	PI2/PWM
10	I/O	PC4/RT04	35	O	PH3	60	I	AN2	85	I/O	PI1/P0
11	I/O	PC3/RT03	36	O	PH2	61	I	AN1	86	I	PI0/PC/K/OSC1
12	I/O	PC2/PP0018	37	O	PH1	62	I	AN0	87	I	PK0/OSC0
13	I/O	PC1/PP0017	38	O	PH0	63	I	PG7/EX11/PMSK	88	—	GND
14	I/O	PC0/PP0016	39	I	MP	64	I	PG6/EX10	89	—	VDD
15	I/O	PJ7	40	I/O	RST	65	I	PG5/SYNC1	90	—	* below
16	I/O	PJ6	41	—	GND	66	I	PG4/SYNC0/PMI	91	O	PA7/PP0007/PP0107
17	I/O	PJ5	42	—	XTAL	67	I	PG3/PBCTL	92	O	PA6/PP0006/PP0106
18	I/O	PJ4	43	I	EXTAL	68	I	PG2/DPG	93	O	PA5/PP0005/PP0105
19	I/O	PJ3	44	I	CS0	69	I	PG1/DPG	94	O	PA4/PP0004/PP0104
20	I/O	PJ2	45	I	SIO	70	I	PG0/CFG	95	O	PA3/PP0003/PP0103
21	I/O	PJ1	46	O	SO0	71	O	PE7/DAB1	96	O	PA2/PP0002/PP0102
22	I/O	PJ0	47	I/O	SCK0	72	O	PE6/DAB0	97	O	PA1/PP0001/PP0101
23	I/O	PD7	48	I/O	PF7/AN11	73	O	PE5/DAA1	98	O	PA0/PP0000/PP0100
24	I/O	PD6	49	I/O	PF6/AN10	74	O	PE4/DAA0	99	O	PB7/PP0015
25	I/O	PD5	50	I/O	PF5/AN9	75	O	PE3/PWM1	100	O	PB6/PP0014

\* CXP87140 : NC  
CXP871P40Q : VPP

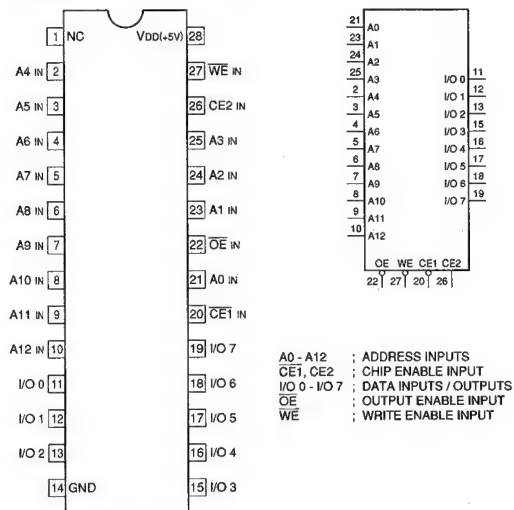




CY7C185-25VC (CYPRESS)J-LEADED PACKAGE  
CY7C185-25VCTEL

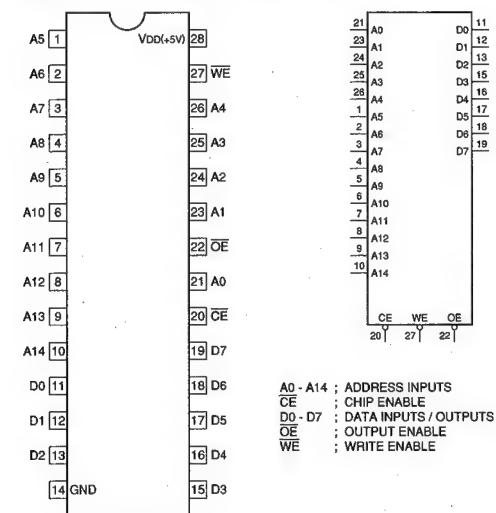
C-MOS 8192-WORD X 8-BIT HIGH SPEED STATIC RAM  
-TOP VIEW-

<b>INPUT</b>	
AN0 - AN11	: A-D CONVERTER'S ANALOG INPUTS
CFG	: CAPSTAN FG INPUT
CS0	: SERIAL INTERFACE CHANNEL 0 SELECT INPUT
DPG, DFG	: DRUM PG AND FG INPUTS
EC	: EVENT CONTROL INPUT FOR TIMER/COUNTER
EXIO, EX1	: FRC CAPTURE UNIT'S EXTERNAL INPUTS
EXTAL	: CRYSTAL CONNECTION OR EXTERNAL CLOCK INPUT FOR SYSTEM CLOCK GENERATOR
INT0 - INT2	: INTERRUPT REQUEST INPUTS (FALLING EDGE ACTIVE)
MP	: MICROPROCESSOR MODE INPUT
PBCTL	: PLAYBACK CTL PULSE INPUT
PCK	: PRESCALER'S EXTERNAL CLOCK INPUT
PE0, PE1	: INPUTS OF PORT E (PE2 - PE7; OUTPUTS)
PF0, PF3	: INPUTS OF PORT F (PF4 - PF7; OUTPUTS)
PG0 - PG7	: INPUTS OF PORT G
PI0	: INPUT OF PORT I (PI1 - PI7; INPUTS/OUTPUTS)
PK0	: INPUT OF PORT K
PMI	: INSTRUMENTATION PULSE INPUT OF PULSE MEASURE UNIT
PMSK	: INSTRUMENTATION ENABLE INPUT OF PULSE MEASURE UNIT
SI0, SI1	: SERIAL DATA INPUTS (CHANNEL 0 AND CHANNEL 1)
SYNCO, SYNC1	: COMPOSITE SYNC SIGNAL INPUTS
<b>OUTPUT</b>	
DAA0, DAB0	: DA GATE PULSE OUTPUTS (12 BITS PWM CHANNEL 0)
DAA1, DAB1	: DA GATE PULSE OUTPUTS (12 BITS PWM CHANNEL 1)
PA0 - PA7	: OUTPUTS OF PORT A
PB0 - PB7	: OUTPUTS OF PORT B
PE2 - PE7	: OUTPUTS OF PORT E (PE0, PE1; INPUTS)
PF4 - PF7	: OUTPUTS OF PORT F (PF0 - PF3; INPUTS)
PH0 - PH7	: OUTPUTS OF PORT H (N-CH OPEN DRAIN OUTPUTS)
PPO000 - PPO018	: PROGRAMMABLE PATTERN GENERATOR OUTPUTS
PO	: PRESCALER OUTPUT
PWM	: PULSE WIDTH MODULATION OUTPUT
PWM0, PWM1	: 12 BITS PULSE WIDTH MODULATION OUTPUTS (CHANNEL 0 AND CHANNEL 1)
RT03 - RT07	: REALTIME PULSE GENERATOR OUTPUTS
SO0, SO1	: SERIAL DATA OUTPUTS (CHANNEL 0 AND CHANNEL 1)
TO	: TIME/COUNTER OUTPUT (DUTY 50%)
XTAL	: CRYSTAL CONNECTION
<b>INPUT/OUTPUT</b>	
PC0 - PC7	: INPUTS/OUTPUTS OF PORT C (BIT PROGRAMMABLE)
PD0 - PD7	: INPUTS/OUTPUTS OF PORT D (4 BITS PROGRAMMABLE)
PI1 - PI7	: INPUTS/OUTPUTS OF PORT I (BIT PROGRAMMABLE, PI0; INPUT)
PJ0 - PJ7	: INPUTS/OUTPUTS OF PORT J (BIT PROGRAMMABLE)
RST	: SYSTEM RESET INPUT AND POWER ON RESET OUTPUT
SK0, SK1	: SERIAL CLOCK INPUTS/OUTPUTS (CHANNEL 0 AND CHANNEL 1)
<b>OTHER</b>	
AGND	: A-D CONVERTER'S GROUND
AVDD (+5V)	: A-D CONVERTER'S VDD
AVREF	: A-D CONVERTER'S REFERENCE VOLTAGE INPUT

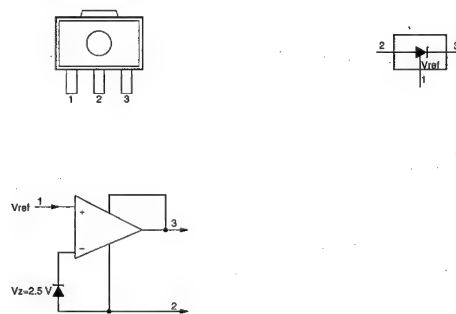




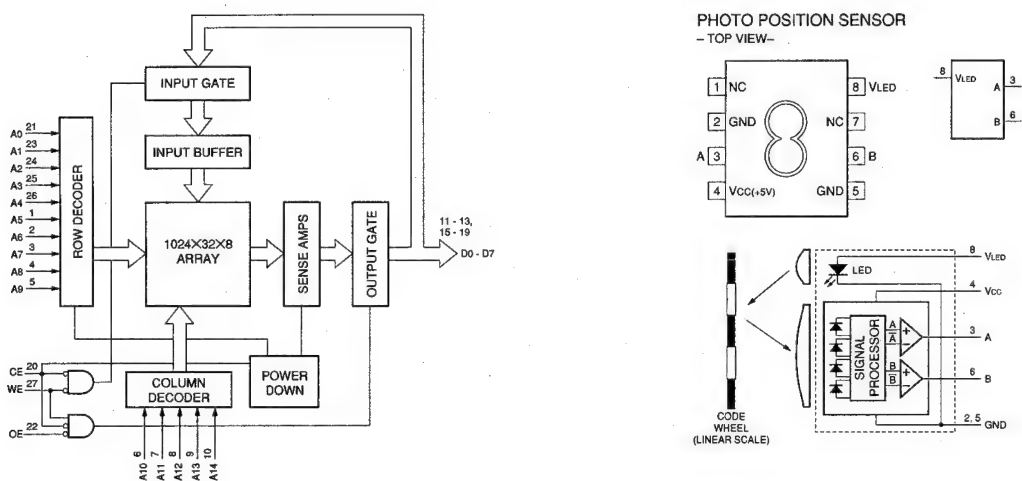
## CY7C199-20VC (CYPRESS) J-LEADED PACKAGE

C-MOS 256K (32,768 X 8)-BIT STATIC RAM  
-TOP VIEW-

## HA17431UA-TL (HITACHI)

SHUNT REGULATOR  
-TOP VIEW-

## HEDR-8000 (YHP)

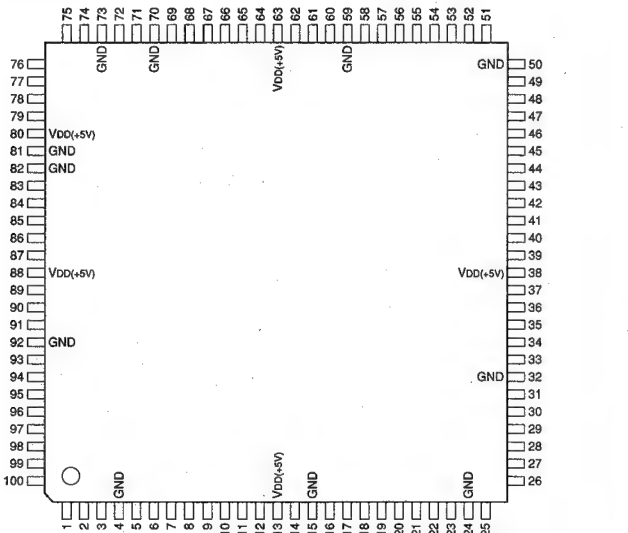
PHOTO POSITION SENSOR  
-TOP VIEW-



## HD6437021C02X (HITACHI)

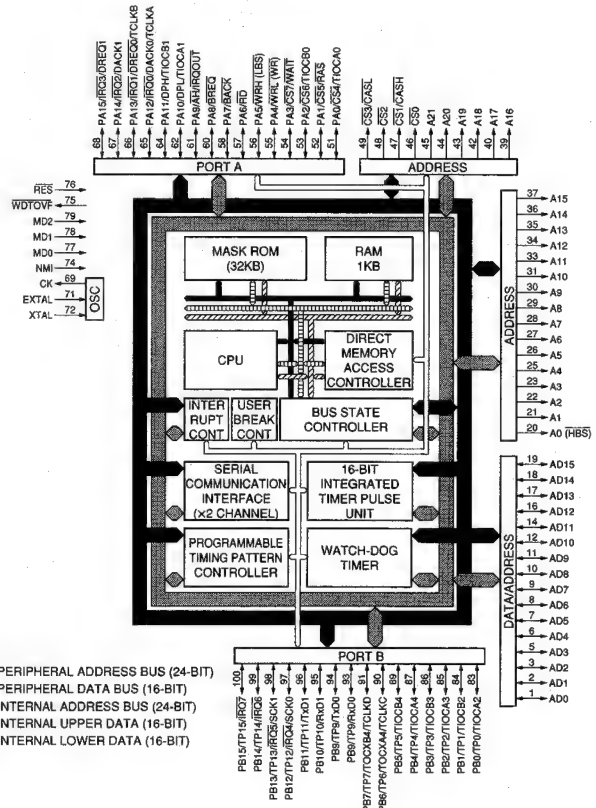
## C-MOS 32-BIT MICROPROCESSOR

- TOP VIEW -



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	AD0	35	O	A13	69	O	CK
2	I/O	AD1	36	O	A14	70	—	GND
3	I/O	AD2	37	O	A15	71	I	EXTAL
4	—	GND	38	—	VDD	72	I	XTAL
5	I/O	AD3	39	O	A16	73	—	GND
6	I/O	AD4	40	O	A17	74	I	NMI
7	I/O	AD5	41	—	GND	75	O	WDTOVF
8	I/O	AD6	42	O	A18	76	I	RES
9	I/O	AD7	43	O	A19	77	I	MD0
10	I/O	AD8	44	O	A20	78	I	MD1
11	I/O	AD9	45	O	A21	79	I	MD2
12	I/O	AD10	46	O	CS0	80	—	VDD
13	—	VDD	47	O	CS1/CASH	81	—	GND
14	I/O	AD11	48	O	CS2	82	—	GND
15	—	GND	49	O	CS3/CASL	83	I/O	PB0/TP0/TIOCA2
16	I/O	AD12	50	—	GND	84	I/O	PB1/TP1/TIOCB2
17	I/O	AD13	51	I/O	PA0/CS4/TIOCA0	85	I/O	PB2/TP2/TIOCA3
18	I/O	AD14	52	I/O	PA1/CS5/RAS	86	I/O	PB3/TP3/TIOCB3
19	I/O	AD15	53	I/O	PA2/CS6/TIOCB0	87	I/O	PB4/TP4/TIOCA4
20	O	A0 (HBS)	54	I/O	PA3/CS7/WAIT	88	—	VDD
21	O	A1	55	I/O	PA4/WRL(WR)	89	I/O	PB5/TP5/TIOCB4
22	O	A2	56	I/O	PA5/WRH(LBS)	90	I/O	PB6/TP6/TOCX44/TCLKC
23	O	A3	57	I/O	PA6/RD	91	I/O	PB7/TP7/TOCX84/TCLKD
24	—	GND	58	I/O	PA7/BACK	92	—	GND
25	O	A4	59	—	GND	93	I/O	PB8/TP8/RXD0
26	O	A5	60	I/O	PA8/BREQ	94	I/O	PB9/TP9/TXD0
27	O	A6	61	I/O	PA9/AH/RQOUT	95	I/O	PB10/TP10/RXD1
28	O	A7	62	I/O	PA10/DPL/TIOCA1	96	I/O	PB11/TP11/TXD1
29	O	A8	63	—	VDD	97	I/O	PB12/TP12/RQ4/SCK0
30	O	A9	64	I/O	PA11/DPH/TIOCB1	98	I/O	PB13/TP13/RQ5/SCK1
31	O	A10	65	I/O	PA12/IRQ0/DACK0/TCLKA	99	I/O	PB14/TP14/IRQ6
32	—	GND	66	I/O	PA13/IRQ1/DREQ0/TCLKB	100	I/O	PB15/TP15/IRQ7
33	O	A11	67	I/O	PA14/IRQ2/DACK1			
34	O	A12	68	I/O	PA15/IRQ3/DREQ1			

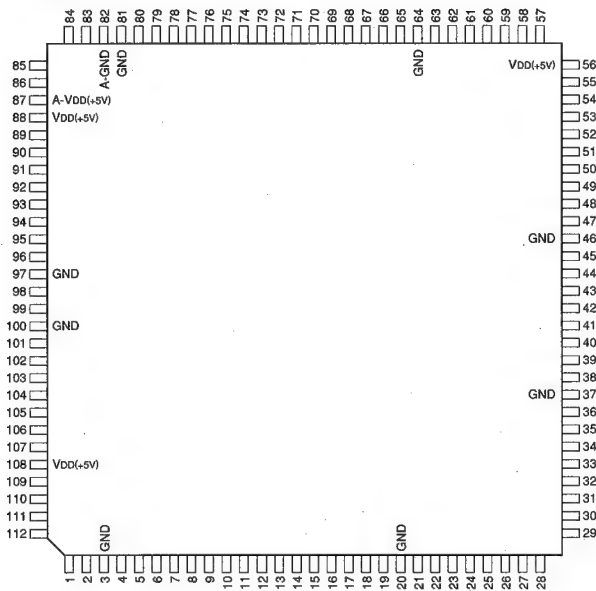
1	AD0	20	INPUT
2	AD1	21	BREQ ; BUS REQUEST
3	AD2	22	DREQ0, DREQ1 ; DMA REQUEST
4	AD3	23	EXTAL ; CRYSTAL OSCILLATOR AND EXTERNAL CLOCK
5	AD4	24	IRQ0 - IRQ7 ; INTERRUPT REQUEST
6	AD5	25	MD0 - MD2 ; MODE SELECT
7	AD6	26	NMI ; NON-MASKABLE INTERRUPT
8	AD7	27	RES ; RESET
9	AD8	28	RXD0, RXD1 ; RECEIVE DATA
10	AD9	29	TCLKA - TCLKD ; TIMER CLOCK
11	AD10	30	WAIT ; WAIT
12	AD11	31	XTAL ; EXTERNAL CRYSTAL OSCILLATOR
13	AD12	32	
14	AD13	33	
15	AD14	34	
16	AD15	35	
17		36	
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19		38	
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80		99	
81		100	





# HD6415108RF10 (HITACHI)

C-MOS 16-BIT MICROCOMPUTER UNIT  
-TOP VIEW-



12	D8	WAIT/P30	47	INPUT	
13	D9	BACK/P31	48	ADTRG	: EXTERNAL TRIGGER
14	D10	BREQ/P32	49	AN0 - AN3	: ANALOG
15	D11		50	BREQ	: BUS RIGHT REQUEST
16	D12	P33	51	EXTAL	: CRYSTAL OSCILLATOR
17	D13	P34	52	FT11, FT12	: FREE RUNNING TIMER INPUT CAPTURE (CH1, CH2)
18	D14	P35	53	FTC11, FTC12	: FREE RUNNING TIMER COUNTER CLOCK (CH1, CH2)
19	D15	P37	54	IRQ0 - IRQ3	: INTERRUPT REQUEST
4	P10/D0	ADTRG/P40	56	MD0 - MD2	: MODE SET UP
5	P11/D1	TMCI/P41	57	NMI	: NON-MASKABLE INTERRUPT
6	P12/D2	TMRI/P42	58	P70 - P73	: PORT 7
7	P13/D3	TMCI/P43	59	STBY	: STANDBY
8	P14/D4	FT11/P44	60	TMCI	: 8-BIT TIMER COUNTER RESET
9	P15/D5	FTC11/P45	61	WAIT	: WAIT
10	P16/D6	FT12/P46	62	XTAL	: CRYSTAL OSCILLATOR
11	P17/D7	FTC12/P47	63		
38	P20/A16	FTOA1/P50	65	OUTPUT	
39	P21/A17	FTOB1/P51	66	A0 - A23	: ADDRESS BUS
40	P22/A18	FTOA2/P52	67	AS	: ADDRESS STROBE
41	P23/A19	FTOB2/P53	68	BACK	: BUS RIGHT REQUEST ACKNOWLEDGE
42	P24/A20		69	ENABLE CLOCK	: ENABLE CLOCK
43	P25/A21		70	FTOA1, FTOA2	: FREE RUNNING TIMER OUTPUT COMPARE A (CH1, CH2)
44	P26/A22		71	FTOB1, FTOB2	: FREE RUNNING TIMER OUTPUT COMPARE B (CH1, CH2)
45	P27/A23		72	HWR	: HIGH WRITE
21	A0		73	LWR	: LOW WRITE
22	A1		74	RD	: READ
23	A2		75	RFSH	: REFRESH CYCLE
24	A3		76	TMO	: 8-BIT TIMER
25	A4		77	TXD1, TXD2	: TRANSMISSION DATA (CH1, CH2)
26	A5		78	g	: SYSTEM CLOCK
27	A6		79		
28	A7		80	INPUT/OUTPUT	
29	A8		81	D0 - D15	: DATA BUS
30	A9		82	P10 - P17	: PORT 1
31	A10		83	P18 - P27	: PORT 2
32	A11		84	P28 - P37	: PORT 3
33	A12		85	P38 - P47	: PORT 4
34	A13		86	P48 - P57	: PORT 5
35	A14		87	P58 - P67	: PORT 6
36	A15		88	P68 - P77	: PORT 7
37	GND		89	RES	: RESET
109	MD0	IRQ0/P80	90	SCK1, SCK2	: SERIAL CLOCK (CH1, CH2)
110	MD1	IRQ1/P81	91		
111	MD2	IRQ2/P82	92		
98	EXTAL	SCK1/IRQ2/P82	93		
99	XTAL	SCK2/IRQ3/P83	94		
101	g	TXD1/P84	95		
102	g	TXD2/P87	96		
103	g		97		
104	g		98		
105	g		99		
106	g		100		
107	g		101		
108	g		102		
109	g		103		
110	g		104		
111	g		105		
112	g		106		

PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1	MODE 2	MODE 3	MODE 4	MODE 1	MODE 2	MODE 3	MODE 4
1	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL
2	I	RES	I	RES	I	RES	I	RES
3	—	GND	—	GND	—	GND	—	GND
4	I/O	P10	I/O	D0	I/O	P10	I/O	D0
5	I/O	P11	I/O	D1	I/O	P11	I/O	D1
6	I/O	P12	I/O	D2	I/O	P12	I/O	D2
7	I/O	P13	I/O	D3	I/O	P13	I/O	D3
8	I/O	P14	I/O	D4	I/O	P14	I/O	D4
9	I/O	P15	I/O	D5	I/O	P15	I/O	D5
10	I/O	P16	I/O	D6	I/O	P16	I/O	D6
11	I/O	P17	I/O	D7	I/O	P17	I/O	D7
12	I/O	D8	I/O	D8	I/O	D8	I/O	D8
13	I/O	D9	I/O	D9	I/O	D9	I/O	D9
14	I/O	D10	I/O	D10	I/O	D10	I/O	D10
15	I/O	D11	I/O	D11	I/O	D11	I/O	D11
16	I/O	D12	I/O	D12	I/O	D12	I/O	D12
17	I/O	D13	I/O	D13	I/O	D13	I/O	D13
18	I/O	D14	I/O	D14	I/O	D14	I/O	D14
19	I/O	D15	I/O	D15	I/O	D15	I/O	D15
20	—	GND	—	GND	—	GND	—	GND
21	O	A0	O	A0	O	A0	O	A0
22	O	A1	O	A1	O	A1	O	A1
23	O	A2	O	A2	O	A2	O	A2
24	O	A3	O	A3	O	A3	O	A3
25	O	A4	O	A4	O	A4	O	A4
26	O	A5	O	A5	O	A5	O	A5
27	O	A6	O	A6	O	A6	O	A6
28	O	A7	O	A7	O	A7	O	A7
29	O	A8	O	A8	O	A8	O	A8
30	O	A9	O	A9	O	A9	O	A9
31	O	A10	O	A10	O	A10	O	A10
32	O	A11	O	A11	O	A11	O	A11
33	O	A12	O	A12	O	A12	O	A12
34	O	A13	O	A13	O	A13	O	A13
35	O	A14	O	A14	O	A14	O	A14
36	O	A15	O	A15	O	A15	O	A15
37	—	GND	—	GND	—	GND	—	GND
38	I/O	P20	I/O	P20	O	A16	O	P20
39	I/O	P21	I/O	P21	O	A17	O	P21
40	I/O	P22	I/O	P22	O	A18	O	P22

PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1	MODE 2	MODE 3	MODE 4	MODE 1	MODE 2	MODE 3	MODE 4
41	I/O	P23	I/O	P23	O	A19	O	A19
42	I/O	P24	I/O	P24	O	A20	O	A20
43	I/O	P25	I/O	P25	O	A21	O	A21
44	I/O	P26	I/O	P26	O	A22	O	A22
45	I/O	P27	I/O	P27	O	A23	O	A23
46	—	GND	—	GND	—	GND	—	GND
47	I/O	P30 / WAIT	I/O	P30 / WAIT	I/O	P30 / WAIT	I/O	P30 / WAIT
48	I/O	P31 / BACK	I/O	P31 / BACK	I/O	P31 / BACK	I/O	P31 / BACK
49	I/O	P32 / BREQ	I/O	P32 / BREQ	I/O	P32 / BREQ	I/O	P32 / BREQ
50	I/O	P33	I/O	P33	I/O	P33	I/O	P33
51	I/O	P34	I/O	P34	I/O	P34	I/O	P34
52	I/O	P35	I/O	P35	I/O	P35	I/O	P35
53	I/O	P36	I/O	P36	I/O	P36	I/O	P36
54	I/O	P37	I/O	P37	I/O	P37	I/O	P37
55	—	VDD	—	VDD	—	VDD	—	VDD
56	I/O	P40 / ADTRG	I/O	P40 / ADTRG	I/O	P40 / ADTRG	I/O	P40 / ADTRG
57	I/O	P41 / TMCI	I/O	P41 / TMCI	I/O	P41 / TMCI	I/O	P41 / TMCI
58	I/O	P42 / TMRI	I/O	P42 / TMRI	I/O	P42 / TMRI	I/O	P42 / TMRI
59	I/O	P43 / TMO	I/O	P43 / TMO	I/O	P43 / TMO	I/O	P43 / TMO
60	I/O	P44 / FT11	I/O	P44 / FT11	I/O	P44 / FT11	I/O	P44 / FT11
61	I/O	P45 / FT12	I/O	P45 / FT12	I/O	P45 / FT12	I/O	P45 / FT12
62	I/O	P46 / FT11	I/O	P46 / FT11	I/O	P46 / FT11	I/O	P46 / FT11
63	I/O	P47 / FT12	I/O	P47 / FT12	I/O	P47 / FT12	I/O	P47 / FT12
64	—	GND	—	GND	—	GND	—	GND
65	I/O	P50 / FTOA1	I/O	P50 / FTOA1	I/O	P50 / FTOA1	I/O	P50 / FTOA1
66	I/O	P51 / FTOB1	I/O	P51 / FTOB1	I/O	P51 / FTOB1	I/O	P51 / FTOB1
67	I/O	P52 / FTOA2	I/O	P52 / FTOA2	I/O	P52 / FTOA2	I/O	P52 / FTOA2
68	I/O	P53 / FTOB2	I/O	P53 / FTOB2	I/O	P53 / FTOB2	I/O	P53 / FTOB2
69	I/O	P54	I/O	P54	I/O	P54	I/O	P54
70	I/O	P55	I/O	P55	I/O	P55	I/O	P55
71	I/O	P56	I/O	P56	I/O	P56	I/O	P56
72	I/O	P57	I/O	P57	I/O	P57	I/O	P57
73	I/O	P60	I/O	P60	I/O	P60	I/O	P60
74	I/O	P61	I/O	P61	I/O	P61	I/O	P61
75	I/O	P62	I/O	P62	I/O	P62	I/O	P62
76	I/O	P63	I/O	P63	I/O	P63	I/O	P63
77	I/O	P64	I/O	P64	I/O	P64	I/O	P64
78	I/O	P65	I/O	P65	I/O	P65	I/O	P65
79	I/O	P66	I/O	P66	I/O	P66	I/O	P66
80	I/O	P67	I/O	P67	I/O	P67	I/O	P67

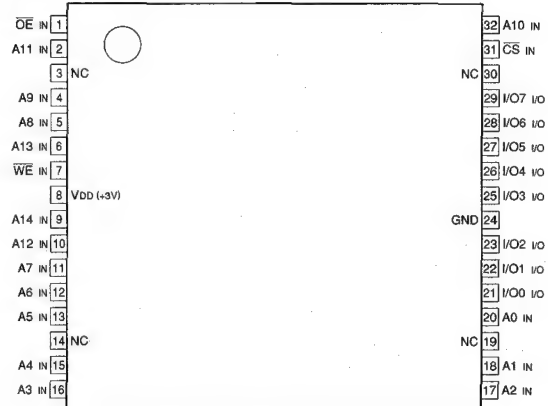


## HM62V256LT8Z (HITACHI)

C-MOS SRAM  
-TOP VIEW-

(V<sub>DD</sub> = +5V)

PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1	MODE 2	MODE 3	MODE 4	MODE 1	MODE 2	MODE 3	MODE 4
81	—	GND	—	GND	—	GND	—	GND
82	—	A-GND	—	A-GND	—	A-GND	—	A-GND
83	I	P70 / AN0	I	P70 / AN0	I	P70 / AN0	I	P70 / AN0
84	I	P71 / AN1	I	P71 / AN1	I	P71 / AN1	I	P71 / AN1
85	I	P72 / AN2	I	P72 / AN2	I	P72 / AN2	I	P72 / AN2
86	I	P73 / AN3	I	P73 / AN3	I	P73 / AN3	I	P73 / AN3
87	—	A-VDD	—	A-VDD	—	A-VDD	—	A-VDD
88	—	VDD	—	VDD	—	VDD	—	VDD
89	I/O	P80 / IRQ0	I/O	P80 / IRQ0	I/O	P80 / IRQ0	I/O	P80 / IRQ0
90	I/O	P81 / IRQ1	I/O	P81 / IRQ1	I/O	P81 / IRQ1	I/O	P81 / IRQ1
91	I/O	P82 / IRQ2 / SCK1	I/O	P82 / IRQ2 / SCK1	I/O	P82 / IRQ2 / SCK1	I/O	P82 / IRQ2 / SCK1
92	I/O	P83 / IRQ3 / SCK2	I/O	P83 / IRQ3 / SCK2	I/O	P83 / IRQ3 / SCK2	I/O	P83 / IRQ3 / SCK2
93	I/O	P84 / RXD1	I/O	P84 / RXD1	I/O	P84 / RXD1	I/O	P84 / RXD1
94	I/O	P85 / TXD1	I/O	P85 / TXD1	I/O	P85 / TXD1	I/O	P85 / TXD1
95	I/O	P86 / RXD2	I/O	P86 / RXD2	I/O	P86 / RXD2	I/O	P86 / RXD2
96	I/O	P87 / TXD2	I/O	P87 / TXD2	I/O	P87 / TXD2	I/O	P87 / TXD2
97	—	GND	—	GND	—	GND	—	GND
98	I	EXTAL	I	EXTAL	I	EXTAL	I	EXTAL
99	I	XTAL	I	XTAL	I	XTAL	I	XTAL
100	—	GND	—	GND	—	GND	—	GND
101	O	8	O	8	O	8	O	8
102	O	E	O	E	O	E	O	E
103	O	AS	O	AS	O	AS	O	AS
104	O	RD	O	RD	O	RD	O	RD
105	O	HWR	O	HWR	O	HWR	O	HWR
106	O	LWR	O	LWR	O	LWR	O	LWR
107	O	RFSH	O	RFSH	O	RFSH	O	RFSH
108	—	VDD	—	VDD	—	VDD	—	VDD
109	I	MD0	I	MD0	I	MD0	I	MD0
110	I	MD1	I	MD1	I	MD1	I	MD1
111	I	MD2	I	MD2	I	MD2	I	MD2
112	I	STBY	I	STBY	I	STBY	I	STBY



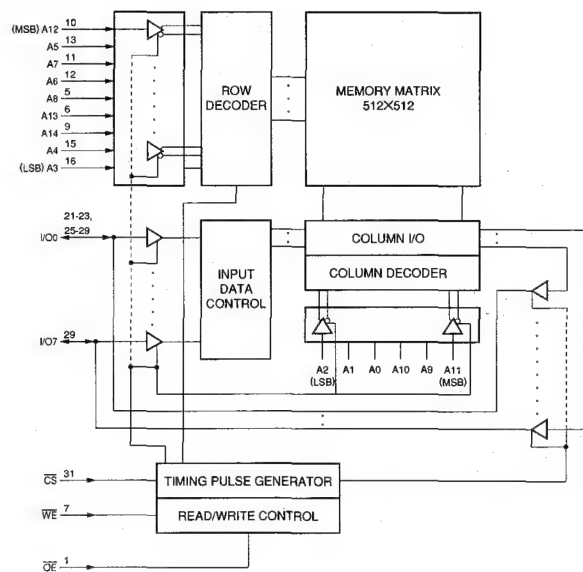
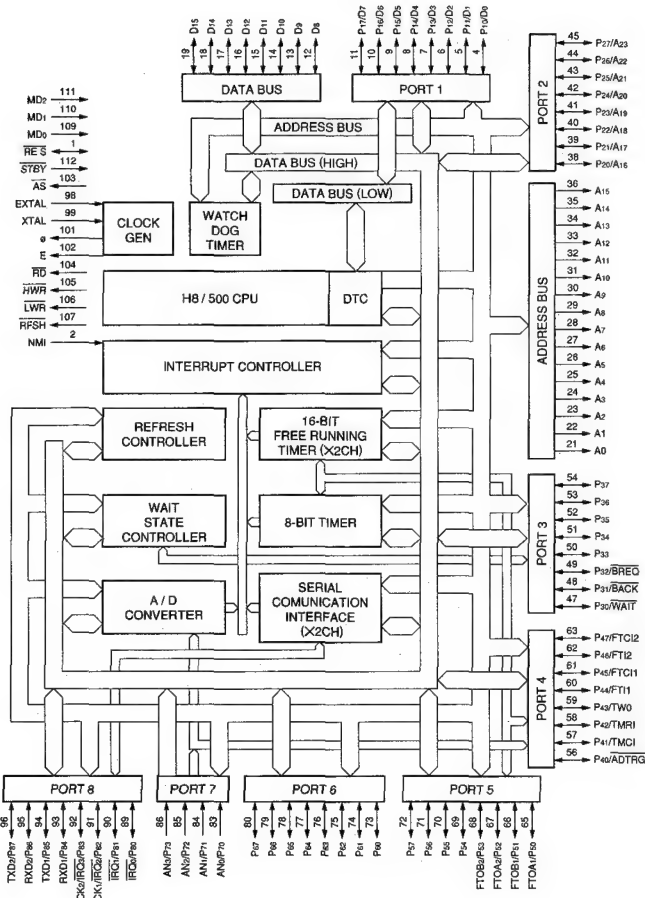
20	A0	I/O0	21	A0-A14	;	ADDRESS INPUTS
18	A1	I/O1	22	CS	;	CHIP SELECT INPUT
17	A2	I/O2	23	I/O0-I/O7	;	DATA INPUTS/OUTPUTS
16	A3	I/O3	25	OE	;	OUTPUT ENABLE INPUT
15	A4	I/O4	26	WE	;	WRITE ENABLE INPUT
14	A5	I/O5	27			
13	A6	I/O6	28			
12	A7	I/O7	29			
11	A8					
10	A9					
9	A10					
8	A11					
7	A12					
6	A13					
5	A14					
4						
3						
2						
1						

CS/OE/WE	MODE	I/O PIN
1 X X	NO SELECTION	HI-Z
0 1 1	OUTPUT DISABLE	HI-Z
0 0 1	READ	DOUT
0 1 0	WRITE	DIN
0 0 0	WRITE	DIN

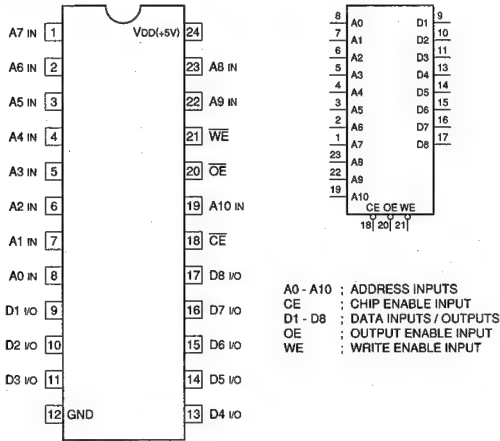
0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DONT CARE  
HI-Z: HIGH IMPEDANCE





IDT6116SA25S0 (INTEGRATED DEVICE TECHNOLOGY)  
 IDT6116SA25SO-T

C-MOS 16K (2048 X 8)-BIT STATIC RAM  
-TOP VIEW-

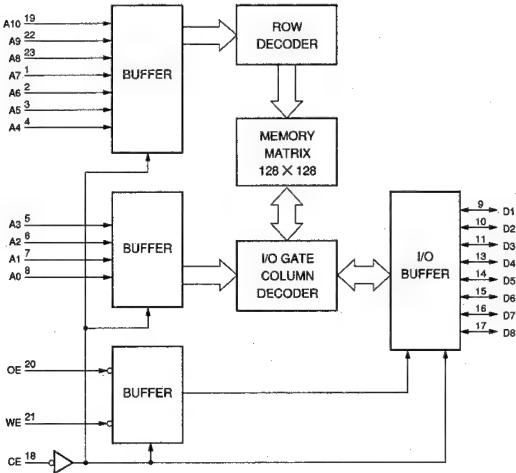


A0 - A10 : ADDRESS INPUTS  
 CE : CHIP ENABLE INPUT  
 D1 - D8 : DATA INPUTS / OUTPUTS  
 OE : OUTPUT ENABLE INPUT  
 WE : WRITE ENABLE INPUT

FUNCTION TABLE

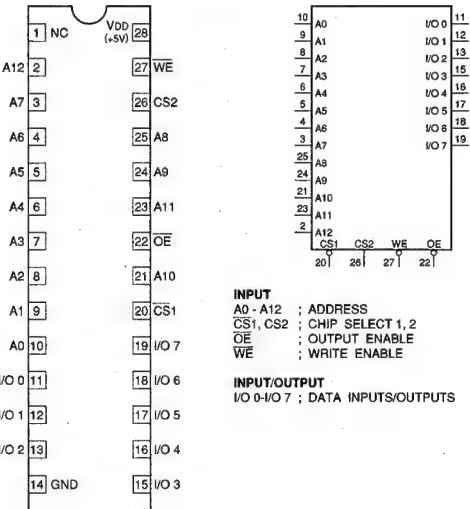
CONTROL INPUTS			MODE	D1 - D8
CE	OE	WE		
1	X	X	STANDBY	HI-Z
0	1	1	DISABLE OUTPUT	HI-Z
0	0	1	FEAD	OUTPUT
0	X	0	WRITE	INPUT

0 : LOW LEVEL  
 1 : HIGH LEVEL  
 X : DON'T CARE  
 HI-Z : HIGH IMPEDANCE



IDT7164S20Y (IDT)SOP-J BEND

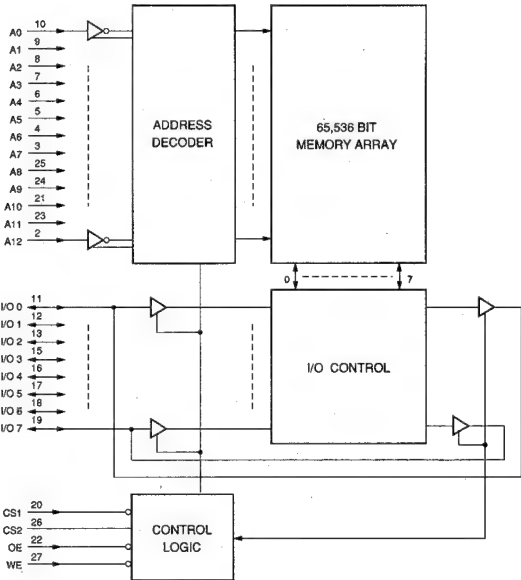
C-MOS 64K (8K X 8)-BIT STATIC RAM  
-TOP VIEW-



**INPUT**  
 A0 - A12 : ADDRESS  
 CS1, CS2 : CHIP SELECT 1, 2  
 OE : OUTPUT ENABLE  
 WE : WRITE ENABLE  
  
**INPUT/OUTPUT**  
 I/O 0-I/O 7 : DATA INPUTS/OUTPUTS

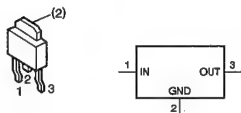
WE	CS1	CS2	OE	I/O	FUNCTION
X	1	X	X	HI-Z	DESELECTED-STANDBY (ISB)
X	X	0	X	HI-Z	DESELECTED-STANDBY (ISB)
X	VHC	VHC OR VLC	X	HI-Z	DESELECTED-STANDBY (ISB1)
X	X	VLC	X	HI-Z	DESELECTED-STANDBY (ISB1)
1	0	1	1	HI-Z	OUTPUT DISABLED
1	0	1	0		DATA OUT READ DATA
0	0	1	X		DATA IN WRITE DATA

0 : LOW LEVEL  
 1 : HIGH LEVEL  
 X : DON'T CARE  
 HI-Z : HIGH IMPEDANCE  
 VLC : 0.2 V  
 VHC : -0.2 V



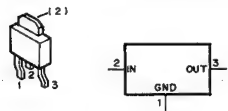


**L78M09T-TL (SANYO)+9V**  
**POSITIVE VOLTAGE REGULATOR**



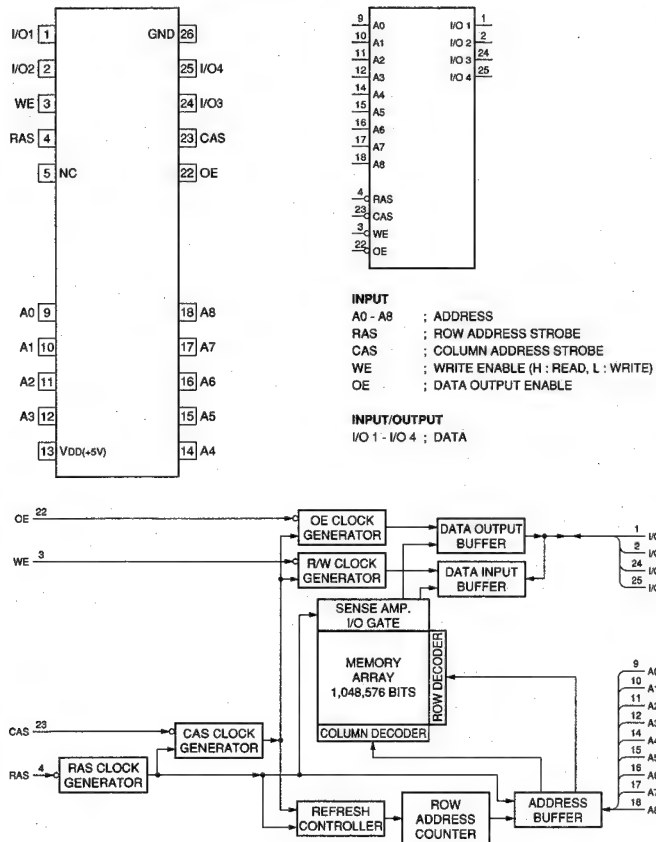
**L79M05T-FA (SANYO)-5 V**  
**L79M05T-FA-TL**  
**L79M09T-TL (SANYO)-9 V**

**NEGATIVE VOLTAGE REGULATOR (500 mA)**

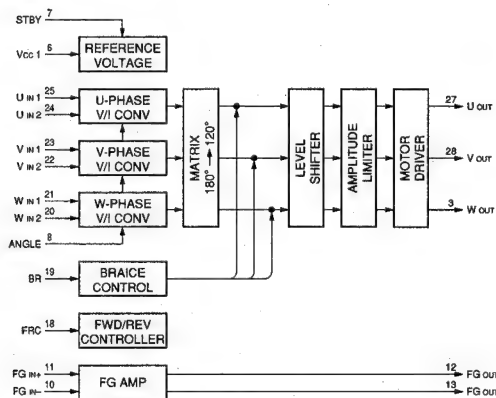
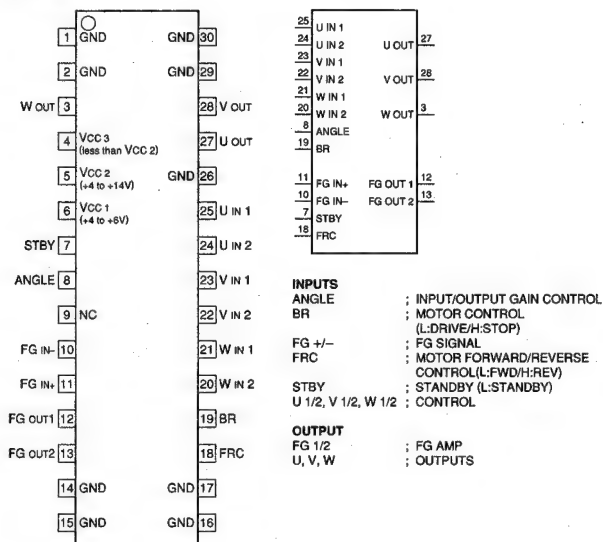


**LH64256BK-60 (OKI)**  
**MSM514256B-70JS11DR1**

**C-MOS 256 × 4 BITS DYNAMIC RAM**  
**-TOP VIEW-**

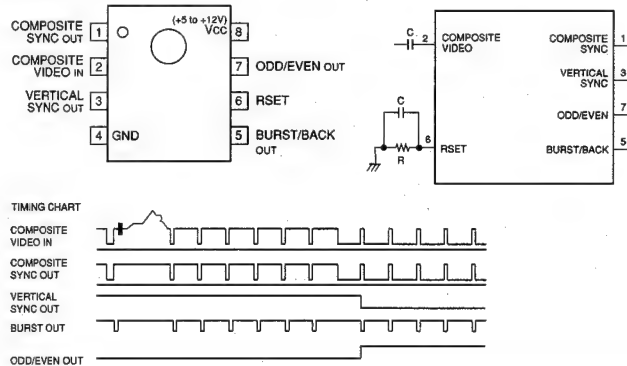


**LB1857M-TE-L (SANYO)FLAT PACKAGE**  
**3-PHASE BRUSHLESS MOTOR DRIVER**  
**-TOP VIEW-**



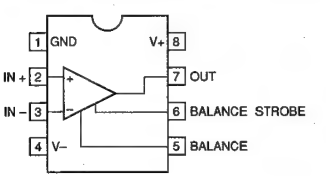
**LM1881M (NS)FLAT PACKAGE**  
**LM1881MX**

**VIDEO SYNC SEPARATOR**  
**-TOP VIEW-**

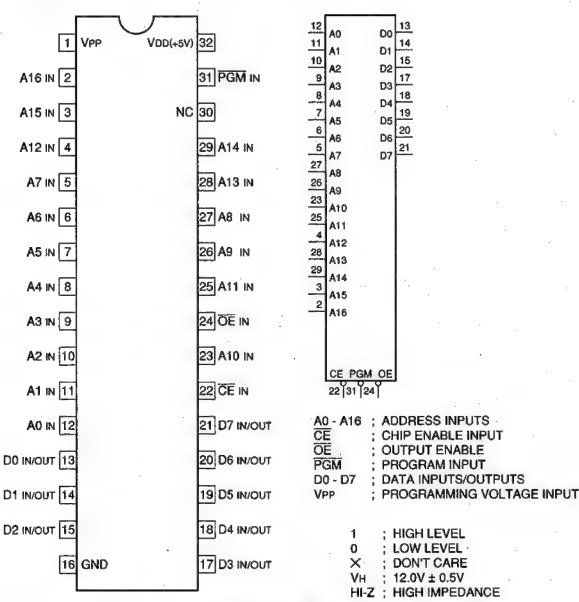




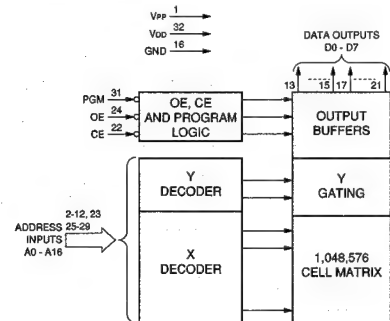
LM311PS (TI) FLAT PACKAGE  
LM311PS-E05  
VOLTAGE COMPARATOR WITH STROBE  
-TOP VIEW-



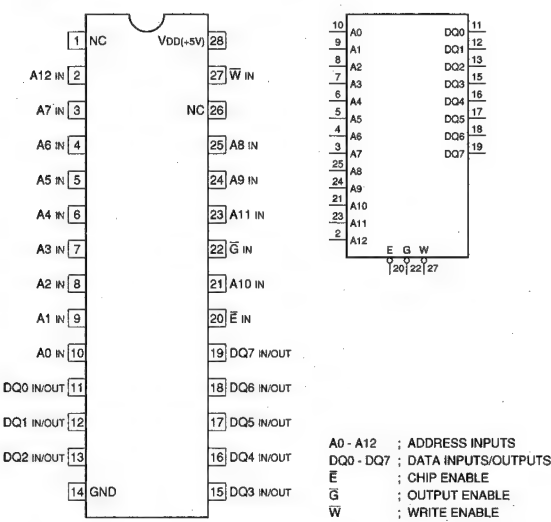
M27C1001-10F1 (SGS)  
M27C1001-70F1 (SGS)  
C-MOS 1M (128K x 8)-BIT UV EPROM  
-TOP VIEW-



MODE	CE	OE	A9	PGM	Vpp	OUTPUT
READ	0	0	X	X	X	DOUT
OUTPUT DISABLE	0	1	X	X	X	HI-Z
STANDBY	1	X	X	X	X	HI-Z
PROGRAM	0	1	X	0	Vpp	Din
PROGRAM VERIFY	0	0	X	1	Vpp	DOUT
PROGRAM INHIBIT	1	X	X	X	Vpp	HI-Z
ELECTRONIC SIGNATURE	0	0	VH	1	Vpp	CODE

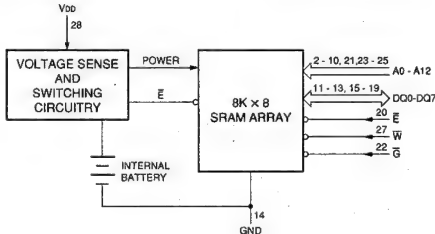


M48258Y-70MH1TR (SGS THOMSON)  
C-MOS 64K(8K x 8)BIT STATIC RAM  
-TOP VIEW-



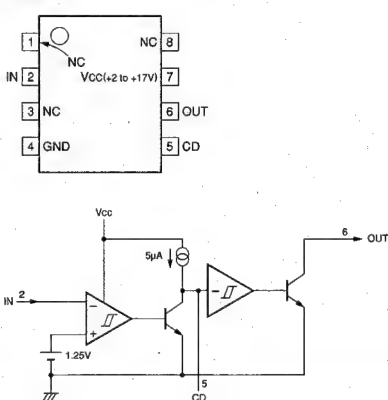
MODE	E	G	W	DQ0 - DQ7	POWER
DESELECT	1	X	X	HI-Z	STANDBY
WRITE	0	X	0	D IN	ACTIVE
READ	0	0	1	D OUT	ACTIVE
READ	0	1	1	HI-Z	ACTIVE
DESELECT	X	X	X	HI-Z	CMOS STANDBY
DESELECT	X	X	X	HI-Z	BATTERY BACK-UP MODE

1 : HIGH LEVEL  
0 : LOW LEVEL  
X : DON'T CARE  
HI-Z : HIGH IMPEDANCE



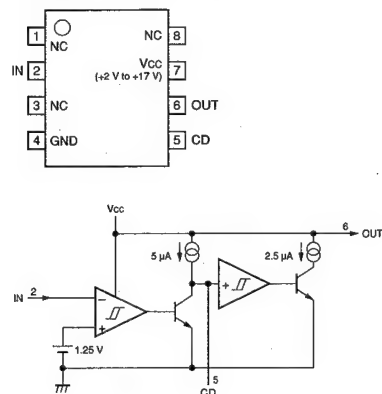
M51957BFP (MITSUBISHI) FLAT PACKAGE  
M51957BFP-600D

VOLTAGE DETECTOR  
-TOP VIEW-



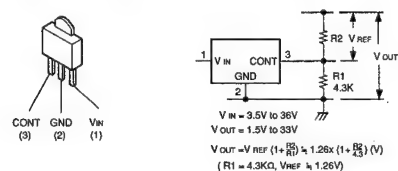


## M51958AFP600D (MITSUBISHI) FLAT PACKAGE

VOLTAGE DETECT DELAY  
— TOP VIEW —

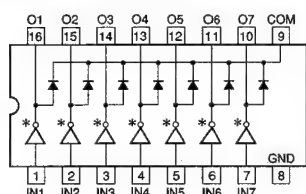
## M5237ML-TP1 (MITSUBISHI)

ADJUSTABLE VOLTAGE REGULATOR



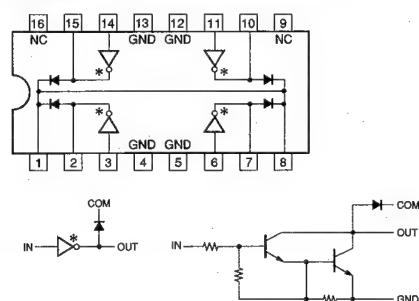
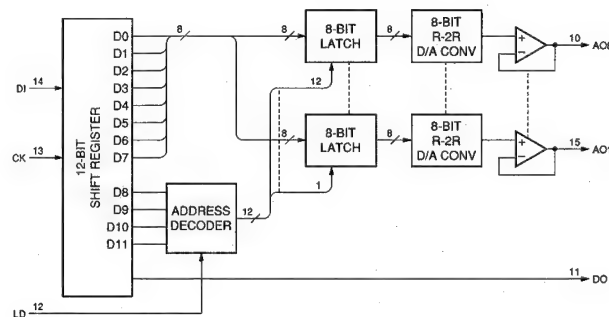
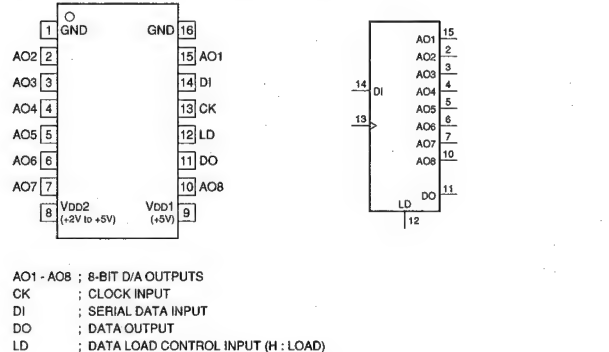
## M54523FP (MITSUBISHI)

M54523FP-TP

BIPOLAR TRANSISTOR ARRAY WITH OPEN COLLECTOR  
— TOP VIEW —

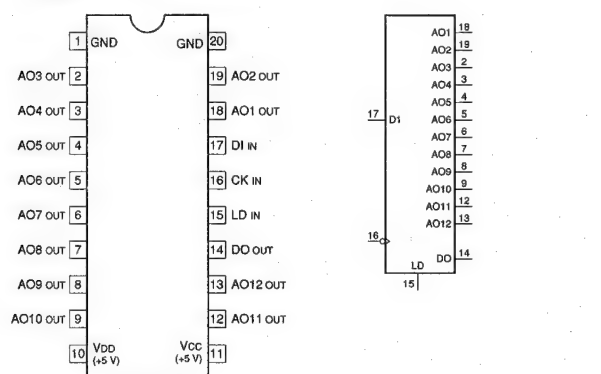
COM : COMMON

## M54532P (MITSUBISHI)

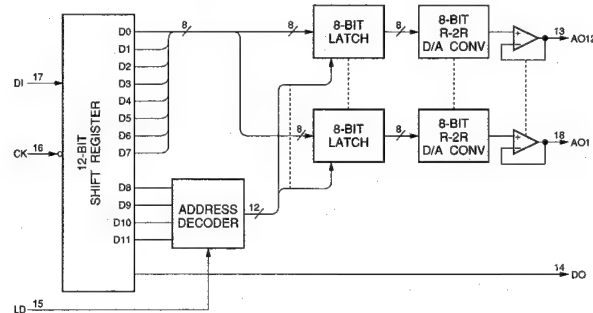
DARLINGTON TRANSISTOR ARRAY WITH CLAMP DIODE  
— TOP VIEW —M62353GP (MITSUBISHI)  
M62353GP-E2C-MOS 8-BIT × 8 CHANNEL D/A CONVERTER  
— TOP VIEW —

## MB88346BPFV (FUJITSU) FLAT PACKAGE (SMALL)

MB88346BPFV-EF

C-MOS 8-BIT D/A CONVERTER  
— TOP VIEW —

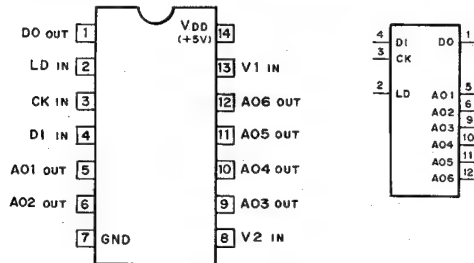
AO1 - AO12 : 8-BIT D/A OUTPUTS  
 CK : CLOCK INPUT  
 DI : SERIAL DATA INPUT  
 DO : DATA OUTPUT  
 LD : DATA LOAD CONTROL INPUT (H : LOAD)



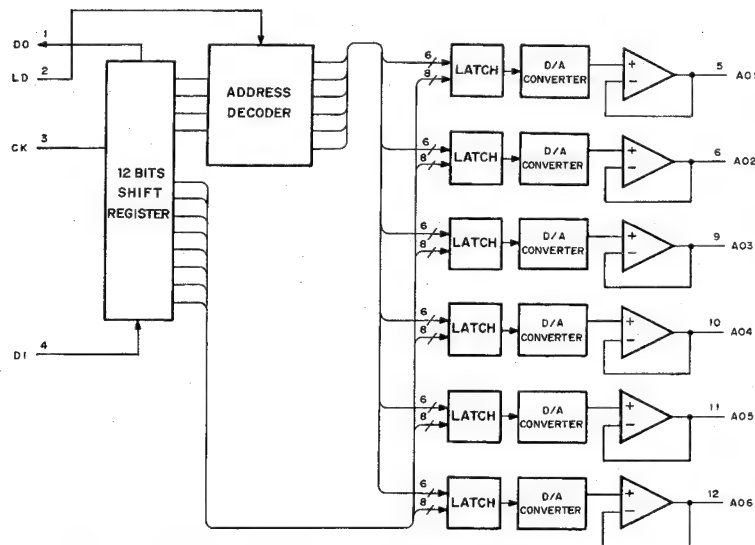


**M62354FP (MITSUBISHI)**  
**M62354FP-T2**

C-MOS 8 BITS 6 CHANNEL D/A CONVERTER  
 - TOP VIEW -



AO1 - AO6 : 8 BITS D/A OUTPUTS  
 CK : CLOCK INPUT  
 DI : 12 BITS SERIAL DATA INPUT  
 DO : BIT DATA OF MSB OF 12 BITS SHIFT REGISTER OUTPUT  
 LD : LOAD INPUT  
 V1 : REFERENCE VOLTAGE (UPPER) +3.5 to +5 (V<sub>DD</sub>) V  
 V2 : REFERENCE VOLTAGE (LOWER) 0 to +1.5 (V<sub>DD</sub>-3.5) V



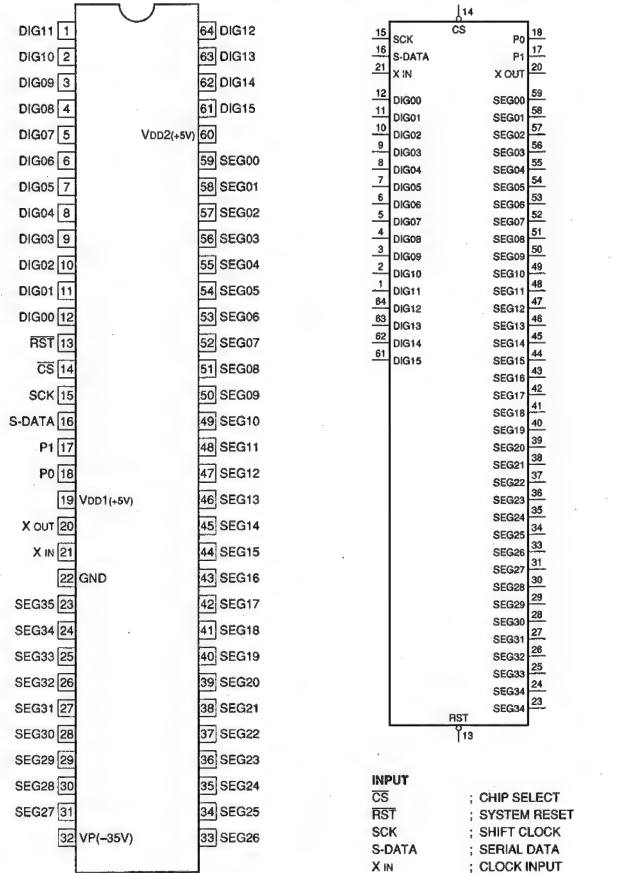
D0	D1	D2	D3	D4	D5	D6	D7	D/A OUTPUT
0	0	0	0	0	0	0	0	$(V_1 - V_2) / 256 \times 1 + V_2$
1	0	0	0	0	0	0	0	$(V_1 - V_2) / 256 \times 2 + V_2$
0	1	0	0	0	0	0	0	$(V_1 - V_2) / 256 \times 3 + V_2$
1	1	0	0	0	0	0	0	$(V_1 - V_2) / 256 \times 4 + V_2$
...	...	...	...	...	...	...	...	...
0	1	1	1	1	1	1	1	$(V_1 - V_2) / 256 \times 255 + V_2$
1	1	1	1	1	1	1	1	V1

D8	D9	D10	D11	ADDRESS SELECT
0	0	0	0	X
0	0	0	1	A01
0	0	1	0	A02
0	0	1	1	A03
0	1	0	0	A04
0	1	0	1	A05
0	1	1	0	A06
0	1	1	1	X
1	X	X	X	X

0: LOW LEVEL  
 1: HIGH LEVEL  
 X: DON'T CARE

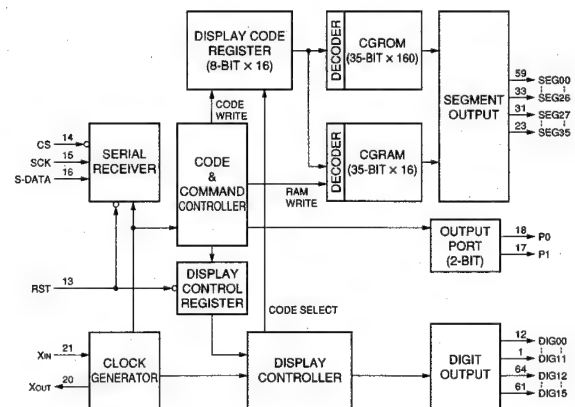
**M66004M6FP200D (MITSUBISHI)**

C-MOS 16-DIGIT 5 x 7 SEGMENTS FLUORESCENT DISPLAY CONTROLLER  
 - TOP VIEW -



**INPUT**  
 CS : CHIP SELECT  
 RST : SYSTEM RESET  
 SCK : SHIFT CLOCK  
 S-DATA : SERIAL DATA  
 X IN : CLOCK INPUT

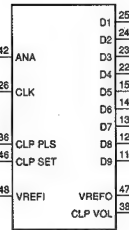
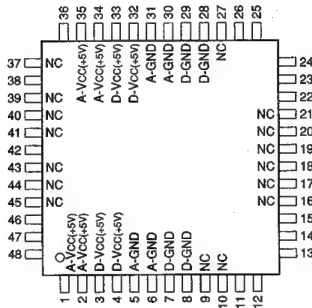
**OUTPUT**  
 X OUT : CLOCK OUTPUT  
 DIG00 - DIG15 : DIGIT OUTPUTS  
 SEG00 - SEG35 : SEGMENT OUTPUTS  
 P0, P1 : OUTPUT PORTS





### MB40569PFV-ER (FUJITSU)

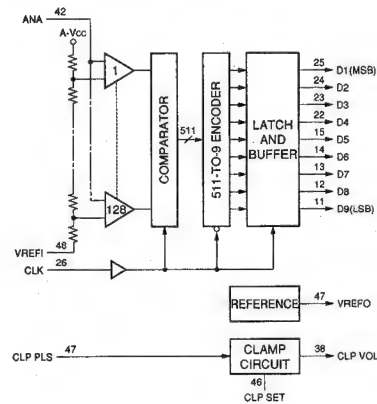
20 MHz 9-BIT A/D CONVERTER  
- TOP VIEW -



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	A-VCC(+5V)	25	O	D1(MSB)
2	—	A-VCC(+5V)	26	I	CLK
3	—	D-VCC(+5V)	27	—	NC
4	—	D-VCC(+5V)	28	—	D-GND
5	—	A-GND	29	—	D-GND
6	—	A-GND	30	—	A-GND
7	—	D-GND	31	—	A-GND
8	—	D-GND	32	—	D-VCC(+5V)
9	—	NC	33	—	D-VCC(+5V)
10	—	NC	34	—	A-VCC(+5V)
11	O	D9(LSB)	35	—	A-VCC(+5V)
12	O	D8	36	I	CLP PLS
13	O	D7	37	—	NC
14	O	D6	38	O	CLP VOL
15	O	D5	39	—	NC
16	—	NC	40	—	NC
17	—	NC	41	—	NC
18	—	NC	42	I	ANA
19	—	NC	43	—	NC
20	—	NC	44	—	NC
21	—	NC	45	—	NC
22	O	D4	46	I	CLP SET
23	O	D3	47	O	VREFO
24	O	D2	48	I	VREFI

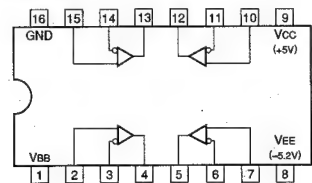
**INPUT**  
ANA : ANALOG SIGNAL  
CLK : CLOCK  
CLP PLS : CLAMP PULSE  
CLP SET : CLAMP VOLTAGE SETTING  
VREFI : REFERENCE VOLTAGE (+3V)

**OUTPUT**  
CLP VOL : CLAMP VOLTAGE  
D1 - D9 : DIGITAL SIGNAL (D9 : LSB, D1 : MSB)  
VREFO : REFERENCE VOLTAGE (+3V)



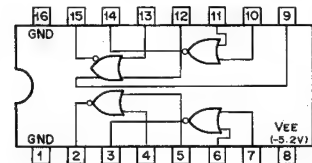
### MC10125P (MOTOROLA) MC10H125M (MOTOROLA) FLAT PACKAGE MC10H125MEL

ECL ECL-TO-TTL TRANSLATOR  
- TOP VIEW -



### MC10H102MEL (MOTOROLA)

ECL 2-INPUT NOR GATE  
- TOP VIEW -

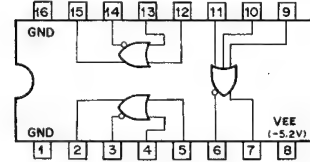


A	B	X	Y
0	0	0	1
0	1	1	0
1	0	1	0
1	1	1	0

0; LOW LEVEL  
1; HIGH LEVEL

### MC10H105MEL (MOTOROLA)

ECL 2-3-2-INPUT OR/NOR GATE  
- TOP VIEW -

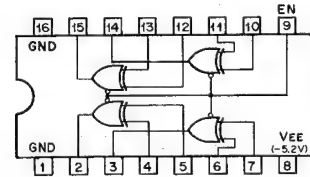


A	B	X	Y
0	0	0	1
0	1	1	0
1	0	1	0
1	1	1	0

0; LOW LEVEL  
1; HIGH LEVEL  
X; DON'T CARE

### MC10H113MEL (MOTOROLA)

ECL EXCLUSIVE OR GATE  
- TOP VIEW -

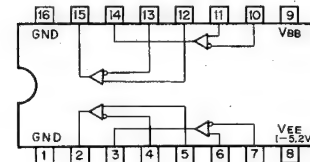


A	B	EN	Y
0	0	0	0
0	1	0	1
1	0	0	1
1	1	0	0
X	X	1	0

0; LOW LEVEL  
1; HIGH LEVEL  
X; DON'T CARE

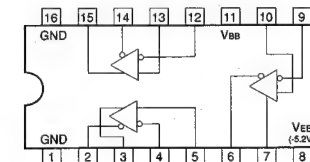
### MC10H115MEL (MOTOROLA)

ECL LINE RECEIVER  
- TOP VIEW -



### MC10H116M (MOTOROLA) FLAT PACKAGE MC10H116MEL

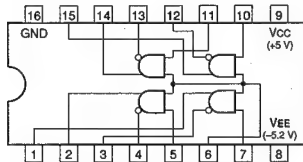
ECL TRIPLE DIFFERENTIAL OR/NOR LINE RECEIVERS  
- TOP VIEW -





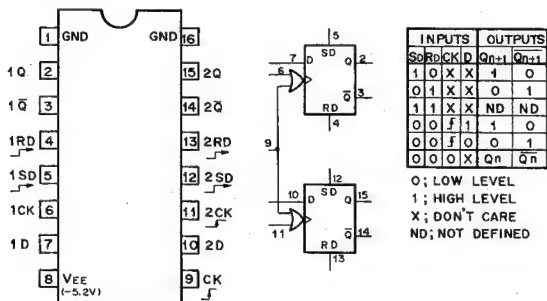
# MC10H124M (MOTOROLA) FLAT PACKAGE MC10H124MEL

## ECL TTL-TO-ECL TRANSLATOR -TOP VIEW-



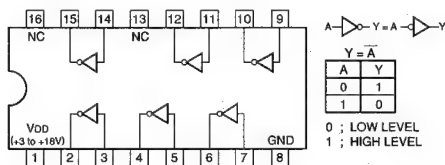
# MC10H131MEL (MOTOROLA)

## ECL D-TYPE FLIP FLOP - TOP VIEW -



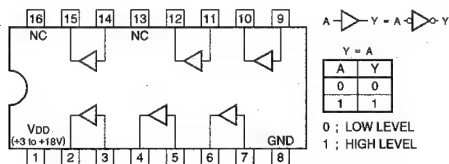
# MC14049UBF (MOTOROLA) FLAT PACKAGE MC14049UBFEL

## C-MOS INVERTING TYPE BUFFER / CONVERTER -TOP VIEW-



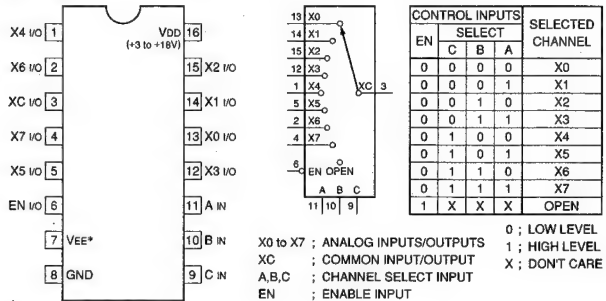
# MC14050BF (MOTOROLA) FLAT PACKAGE MC14050BFEL

## C-MOS NON-INVERTING TYPE BUFFER/CONVERTER -TOP VIEW-



# MC14051BF (MOTOROLA) FLAT PACKAGE MC14051BFEL

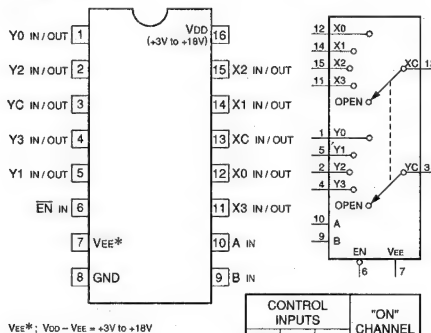
## C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMUTIPLEXER -TOP VIEW-



\* VEE; VDD - VEE = +3 to +18V

# MC14052BF (MOTOROLA) FLAT PACKAGE MC14052BFEL

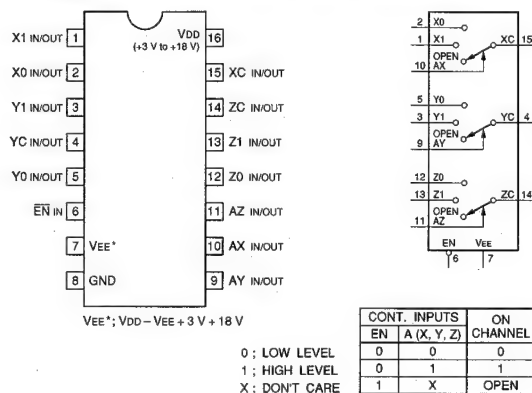
## C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXERS / DEMULTIPLEXERS -TOP VIEW-



VEE\*; VDD - VEE = +3V to +18V

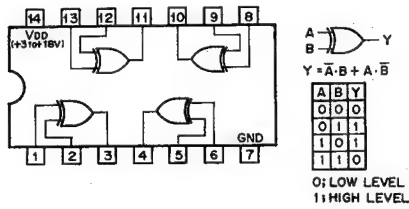
# MC14053BF (MOTOROLA) FLAT PACKAGE MC14053BFEL

## C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMUTIPLEXERS - TOP VIEW -

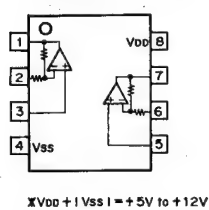
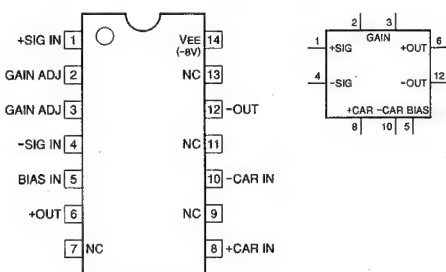




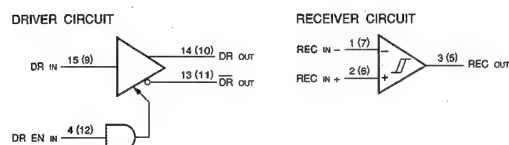
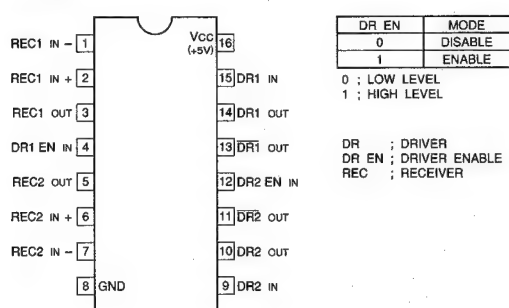
## MC14070BFEL (MOTOROLA)

C-MOS QUAD EXCLUSIVE OR GATES  
- TOP VIEW -

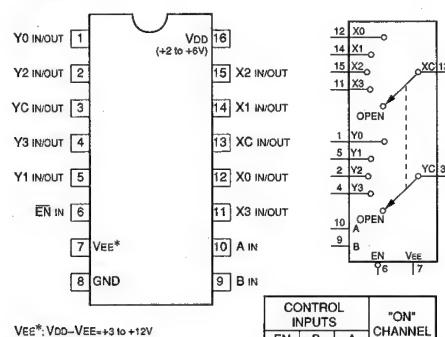
## MC14576CFEL (MOTOROLA) FLAT PACKAGE

C-MOS DUAL VIDEO AMPLIFIERS  
- TOP VIEW -MC1496M (MOTOROLA) FLAT PACKAGE  
MC1496ML2BALANCED MODULATOR/DEMODULATOR  
- TOP VIEW -

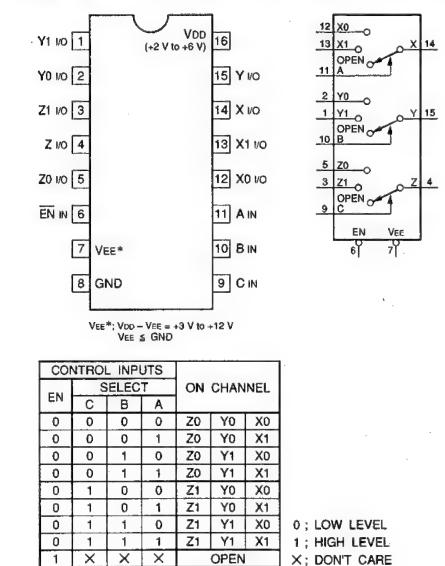
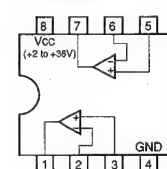
## MC34051MEL (MOTOROLA)

RS-422 DRIVER / RECEIVER  
- TOP VIEW -

DSR-85/85P

MC74HC4052F (MOTOROLA) FLAT PACKAGE  
MC74HC4052FELC-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER  
- TOP VIEW -

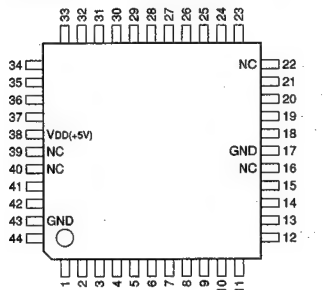
## MC74HC4053FEL (MOTOROLA) FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER  
- TOP VIEW -NJM2903M (JRC) FLAT PACKAGE  
NJM2903M-TE2DUAL VOLTAGE COMPARATORS  
- TOP VIEW -



# MC68HC705C8AFU (MOTOROLA)

## C-MOS MICROCONTROLLER UNIT -TOP VIEW-



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	PA6	23	I/O	PC3
2	I/O	PA5	24	I/O	PC2
3	I/O	PA4	25	I/O	PC1
4	I/O	PA3	26	I/O	PC1
5	I/O	PA2	27	I	PD0/RDI
6	I/O	PA1	28	I/O	PD1/TDO
7	I/O	PA0	29	I/O	PD2/MISO
8	I/O	PB0	30	I/O	PD3/MOSI
9	I/O	PB1	31	I/O	PD4/SCK
10	I/O	PB2	32	I	PD5/SS
11	I/O	PB3	33	O	TCMP
12	I/O	PB4	34	I	PD7
13	I/O	PB5	35	I	TCAP
14	I/O	PB6	36	O	OSC2
15	I/O	PB7	37	I	OSC1
16	—	NC	38	—	VDD(+5V)
17	—	GND	39	—	NC
18	I/O	PC7	40	—	NC
19	I/O	PC6	41	I	RESET
20	I/O	PC5	42	I	IRQ
21	I/O	PC4	43	—	GND
22	—	NC	44	I/O	PA7

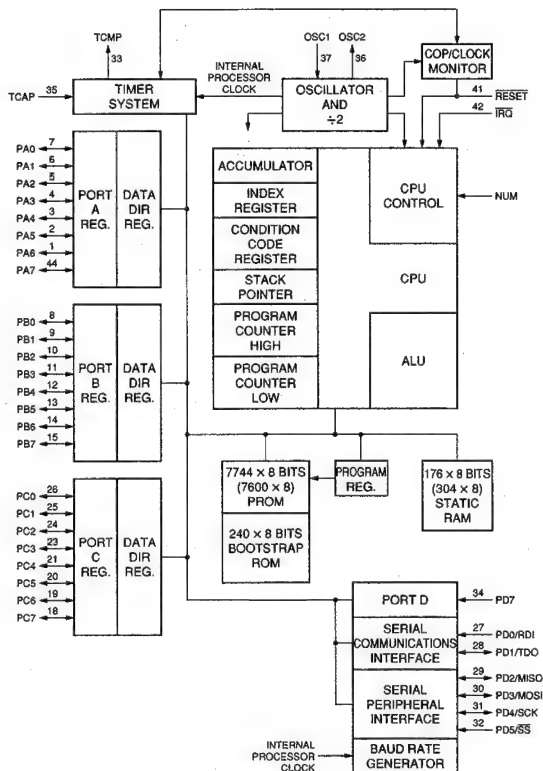
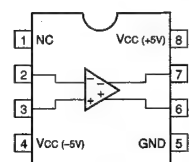
**INPUT**  
 IRQ : INTERRUPT REQUEST  
 OSC1 : OSCILLATOR  
 PD0 - PD5, PD7 : PROGRAMMABLE D PORT  
 RESET : SYSTEM RESET  
 RDI : RECEIVING DATA  
 SS : SUB SELECT  
 TCAP : CAPTURE FEATURE FOR THE ONE-CHIP PROGRAMMABLE TIMER

**OUTPUT**  
 OSC2 : OSCILLATOR  
 SCK : SERIAL CLOCK  
 TCMP : COMPARE FEATURE OF THE ONE-CHIP TIMER  
 TDO : TRANSMISSION DATA

**INPUT/OUTPUT**  
 MISO : MASTER INPUT, SUB OUTPUT  
 MOSI : MASTER OUTPUT, SUB INPUT  
 PA0 - PA6 : PROGRAMMABLE A PORT  
 PB0 - PB6 : PROGRAMMABLE B PORT  
 PC0 - PC6 : PROGRAMMABLE C PORT

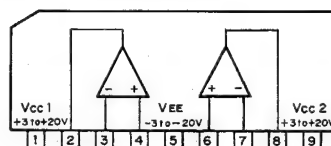
## NJM360M (JRC) FLAT PACKAGE NJM360M-T2

### HIGH SPEED VOLTAGE COMPARATOR -TOP VIEW-



## NJM5532S-D (JRC)

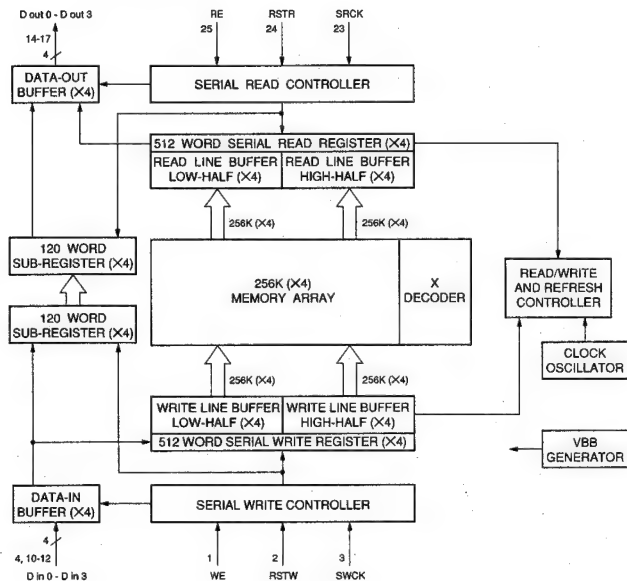
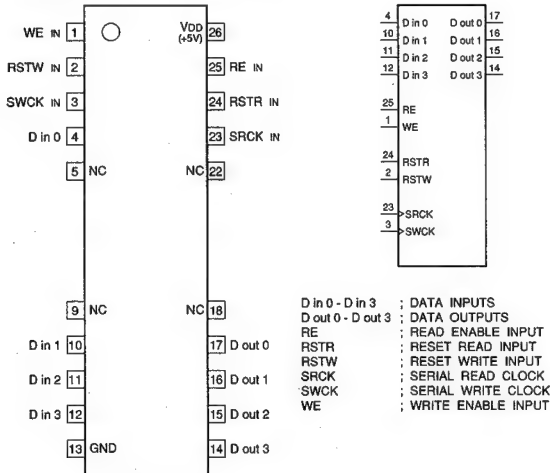
### DUAL OPERATIONAL AMPLIFIER -SIDE VIEW-





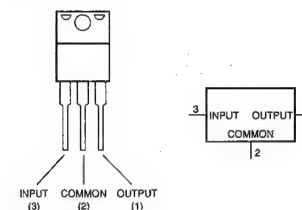
# MSM514222B-30GS-KR1 (OKI)CHIP CARRIER

C-MOS 1M (262,263 X 4)-BIT FIELD MEMORY  
-TOP VIEW-



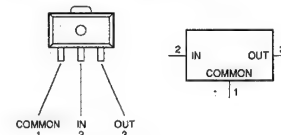
# NJM78M09FA (JRC)+9V(0.5 A)

POSITIVE VOLTAGE REGULATOR  
-FRONT VIEW-



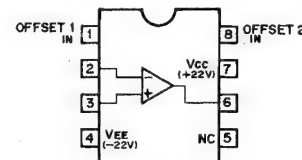
# NJM79L09UA(Te1) (JRC)-9V(100 mA)

VOLTAGE REGULATOR



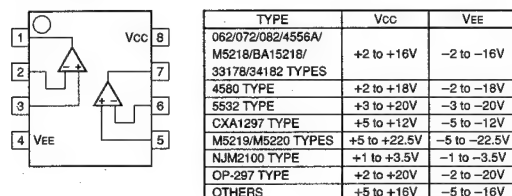
# OP-07DPS (TI)FLAT PACKAGE OP-07DPS-E05

OPERATIONAL AMPLIFIER  
- TOP VIEW -



NJM4558M-TE2  
NJM5532M (JRC)FLAT PACKAGE  
NJM5532M(Te2)  
TL062CPS (TI)FLAT PACKAGE  
TL062CPS-E05  
TL082CPS-E05  
TL082M (TI)FLAT PACKAGE  
UPC4557C (NEC)  
UPC4558G2 (NEC)FLAT PACKAGE  
UPC4570G2 (NEC)FLAT PACKAGE  
UPC4570G2-E2  
UPC812G2 (NEC)FLAT PACKAGE  
UPC812G2-E2

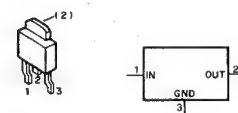
DUAL OPERATIONAL AMPLIFIERS  
(DUAL-SUPPLY TYPE)  
-TOP VIEW-



TYPE	Vcc	VEE
062/072/082/4556A/ M5218/BA15218/ 33178/34182 TYPES	+2 to +16V	-2 to -16V
4580 TYPE	+2 to +18V	-2 to -18V
5532 TYPE	+3 to +20V	-3 to -20V
CXA1297 TYPE	+5 to +12V	-5 to -12V
M5219/M5220 TYPES	+5 to +22.5V	-5 to -22.5V
NJM2100 TYPE	+1 to +3.5V	-1 to -3.5V
OP-297 TYPE	+2 to +20V	-2 to -20V
OTHERS	+5 to +16V	-5 to -16V

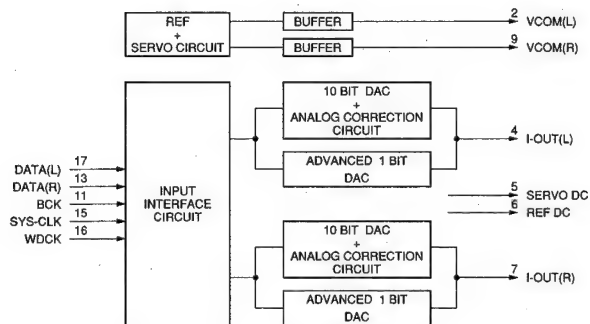
# PQ05SZ5U (SHARP)+5V 0.5A

POSITIVE VOLTAGE REGULATOR



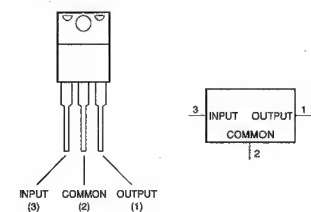


**C**

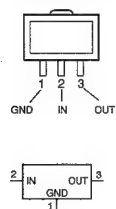


## RC79M09FA (RAYTHEON)—9V(0.5 A)

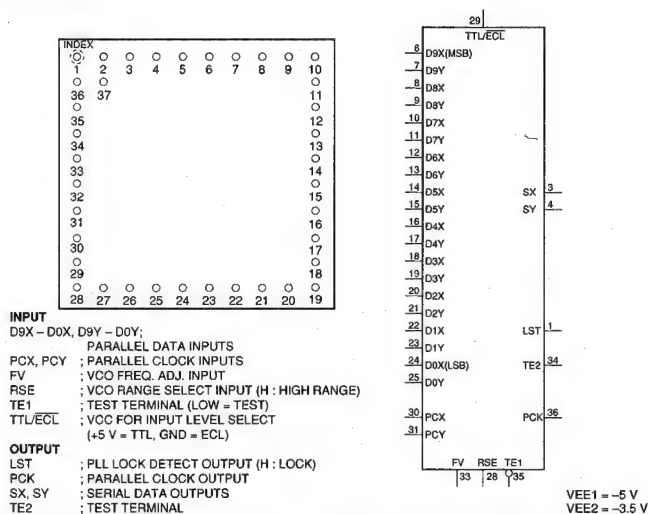
—FRONT VIEW—



—TOP VIEW—

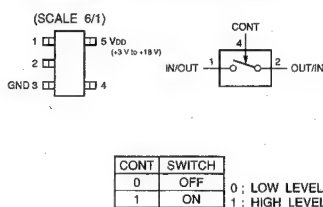


-BOTTOM VIEW-



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	LST	11	I	D7Y	21	I	D2Y	31	I	PCY
2	O	GND	12	I	D6X	22	I	D1X	32	—	GND
3	O	SX	13	I	D6Y	23	I	D1Y	33	I	FV
4	O	SY	14	I	D6X	24	I	DOX(LSB)	34	O	TE2
5	—	GND	15	I	D5Y	25	I	DOY	35	I	TE1
6	I	D9X(MSB)	16	I	D4X	26	—	VEE1	36	O	PCK
7	I	D9Y	17	I	D4Y	27	—	VEE2	37	—	NC
8	I	D8X	18	I	D3X	28	I	RSE			
9	I	D8Y	19	I	D3Y	29	—	TLT/CL			
10	I	D7X	20	I	D2X	30	I	RFX			

—TOP VIEW—

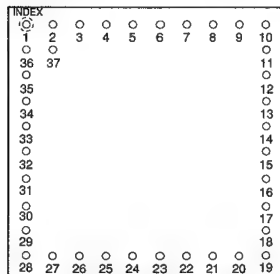




## SBX1602A (SONY)

## 8- OR 10-BIT SERIAL-TO-PARALLEL CONVERTER

-TOP VIEW-



## INPUT

ADS : SERIAL DATA SELECT INPUT (H: DIGITAL L: ANALOG)  
 AIX, AIY : EQUALIZER INPUTS  
 DIX, DIY : SERIAL DATA INPUTS  
 ESI : PLL SIGNAL INPUT  
 OFS : ACC OFFSET ADJ. INPUT  
 FV : VCO FREQ. ADJ. INPUT  
 RSE : VCO RANGE SELECT INPUT (H: HIGH RANGE)

## OUTPUT

CX : EQUALIZER DETECT OUTPUT (L: NO INPUT)  
 D9-D0 : PARALLEL DATA OUTPUTS  
 DPR : SERIAL DATA DETECT OUTPUT (L: NO INPUT)  
 ESO : TEST NODE PLL ERROR SIGNAL OUTPUT  
 EVR : REFERENCE VOLTAGE FOR PARALLEL OUTPUT  
 MON : EQUALIZER MONITOR OUTPUT  
 PCK : PARALLEL CLOCK OUTPUT  
 SX, SY : SERIAL DATA OUTPUTS  
 SYN : TRS DETECT OUTPUT  
 TN1 : TEST TERMINAL

VEE1, 3 = -5V  
 VEE2 = -3.5V

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	ESO	11	O	D7	21	O	EVR	31	O	MON
2	-	GND	12	O	D6	22	I	RSE	32	I	ADS
3	O	SY	13	O	D5	23	-	VEE3	33	I	DIX
4	O	SX	14	O	D4	24	-	GND	34	I	DIY
5	-	GND	15	O	D3	25	I	AIY	35	O	DPR
6	O	TN1	16	O	D2	26	I	AIX	36	I	FV
7	-	VEE1	17	O	D1	27	-	GND	37	I	ESI
8	-	VEE2	18	O	D0 (LSB)	28	I	OFS			
9	O	D9 (MSB)	19	O	PCK	29	O	CX			
10	O	D8	20	O	SYN	30	-	GND			

SC7S04F (MOTOROLA)CHIP PACKAGE  
 TC4S69F (TOSHIBA)CHIP PACKAGE  
 TC4S69F(TE85R)  
 TC7S04F(TE85R)  
 TC7SH04FU (TOSHIBA)CHIP PACKAGE  
 TC7SH04FU-TE85R  
 TC7SHU04FU-TE85R (TOSHIBA)CHIP PACKAGE

## C-MOS INVERTER

-TOP VIEW-



$$A \xrightarrow{2} \text{inverter} \xrightarrow{4} Y = A \xrightarrow{1} Y$$

A	Y
0	1
1	0

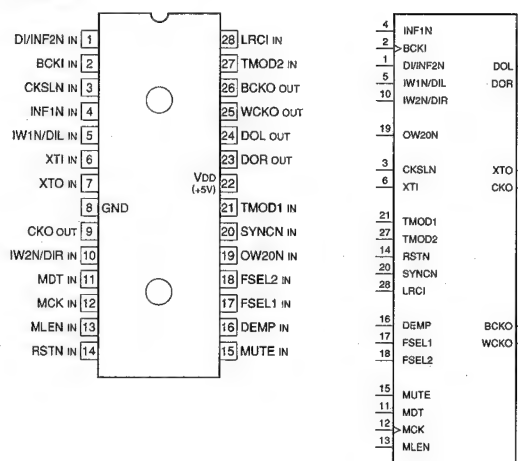
0: LOW LEVEL  
 1: HIGH LEVEL

TYPE	VDD
7S04F	
7SU04F	+2 to +6V
7SU04FU	
4S69F	
4SU69F	+3 to +18V
7SH04FU	
7SHU04FU	+2 to +5.5V

## SM5843AS1-E2 (NPC)

## C-MOS DIGITAL FILTER

-TOP VIEW-



## INPUT

BCKI : INPUT BIT CLOCK  
 CKSLN : INPUT FREQUENCY SELECT (H: 384fs/L: 256fs)  
 DEMP : DE-EMPHASIS CONTROL (L: OFF/H: ON)  
 D/INF2N : INPUT DATA (INF1N=L)/INPUT FORMAT SELECT 2 (INF1N=H)  
 FSEL1,2 : DE-EMPHASIS SELECT

fs (Hz)	32k	44.1k	48k	TEST MODE
SETTING	FSEL1	H	L	L
	FSEL2	H	L	L

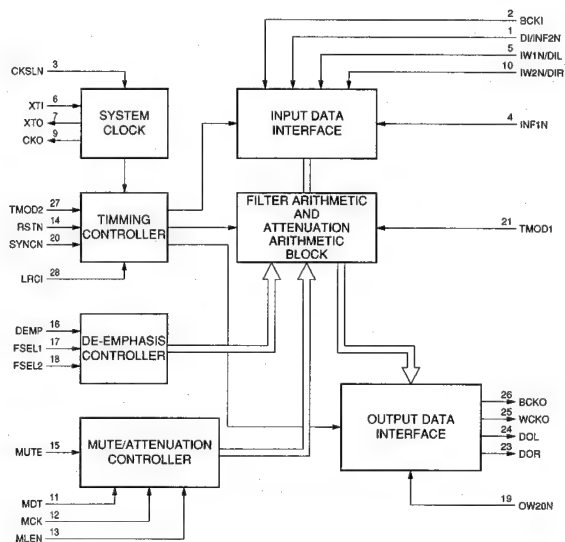
INF1N : INPUT FORMAT SELECT 1  
 IW1N/DIL : INPUT WORD LENGTH 1 (INF1N=L)/Lch DATA INPUT (TNF1N=H)  
 IW2N/DIR : INPUT WORD LENGTH 2 (INF1N=L)/Rch DATA INPUT (TNF1N=H)  
 LRCI : SAMPLE RATE CLOCK (fs)  
 MCK : ATTENUATION BIT CLOCK  
 MDT : ATTENUATION SERIAL DATA  
 MLEN : ATTENUATION LATCH CLOCK  
 MUTE : MUTE CONTROL  
 OW20N : OUTPUT WORD LENGTH

OUTPUT WORD LENGTH (BIT)	18	20
OW20N	H	L

RSTN : SYSTEM RESET (L: RESET/H: NORMAL)  
 SYNCN : SYNC MODE SELECT (L: EXECUTION SYNC MODE/H: JITTER FREE MODE)  
 TMD1 : DITHER ON/OFF SELECT (L: ON/H: OFF)  
 TMD2 : FILTER CHARACTER SELECT  
 XTI : OSCILLATOR INPUT

## OUTPUT

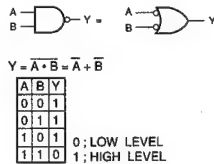
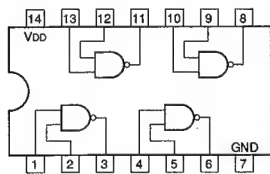
BCKO : OUTPUT BIT CLOCK  
 CKO : OSCILLATOR OUTPUT CLOCK  
 DOL : Lch DATA  
 DOR : Rch DATA  
 WCKO : OUTPUT WORD CLOCK  
 XTO : OSCILLATOR OUTPUT





SN74HC00ANS (TI) FLAT PACKAGE  
 SN74HC00ANS-E05  
 TC74VHC00F (TOSHIBA) FLAT PACKAGE  
 TC74VHC00F(EL)  
 TC74VHC00FS(EL) (TOSHIBA) FLAT PACKAGE (SMALL)  
 TC74VHCT00FS

C-MOS QUAD 2-INPUT NAND GATES  
 -TOP VIEW-

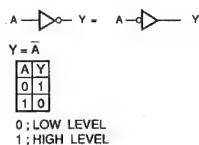
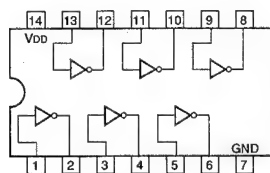


NOTE:

TYPE	V <sub>DD</sub>
74AC/74VHC	+2 to +5.5V
74ACT/74HCT/74VHCT	+4.5 to +5.5V
LCX	+2 to +3.6V
OTHER TYPES	+2 to +6V

SN74HC04ANS (TI) FLAT PACKAGE  
 SN74HC04ANS-E05  
 TC74VHC04F (TOSHIBA) FLAT PACKAGE  
 TC74VHC04F(EL)  
 TC74VHC04FS(EL) (TOSHIBA) FLAT PACKAGE (SMALL)

C-MOS HEX INVERTERS  
 -TOP VIEW-

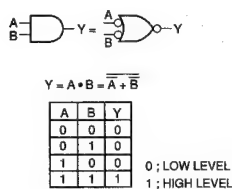
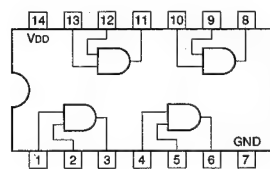


NOTE:

TYPE	V <sub>DD</sub>
74AC/74VHC/74VHCT	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
OTHER TYPE	+2 to +6V

SN74HC08ANS (TI) FLAT PACKAGE  
 SN74HC08ANS-E05  
 TC74VHC08FS(EL) (TOSHIBA) FLAT PACKAGE (SMALL)  
 TC74VHCT08FS(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT AND GATE  
 -TOP VIEW-

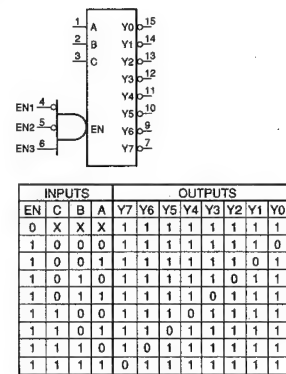
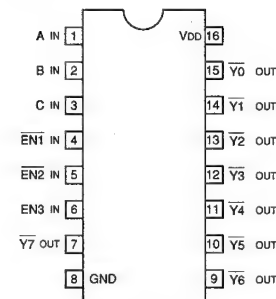


NOTE:

TYPE	V <sub>DD</sub>
AC	+2 to +5.5V
TC40H	+2 to +8V
ACT/HCT	+5V
OTHER TYPES	+2 to +6V

SN74HC138ANS (TI) FLAT PACKAGE  
 SN74HC138ANS-E05  
 TC74VHC138F(EL) (TOSHIBA)

C-MOS 3-TO-8 LINE DECODER / DEMULTIPLEXER  
 -TOP VIEW-

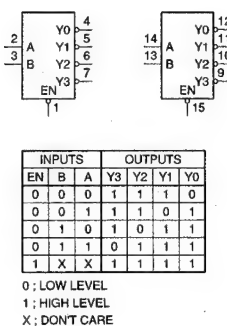
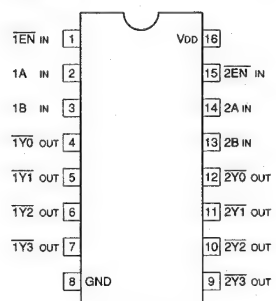


NOTE:

TYPE	V <sub>DD</sub>
74HCT138 TYPE	+5V
74ACT138 TYPE	+4.5 to +5.5V
TC74AC138 TYPE	+2 to +5.5V
TC74VHC138	+2 to +5.5V
OTHER TYPES	+2 to +6V

SN74HC139ANS (TI) FLAT PACKAGE  
 SN74HC139ANS-E05  
 TC74VHC139F(EL) (TOSHIBA)

C-MOS DUAL 2-TO-4 DECODER/DEMULTIPLEXER  
 -TOP VIEW-

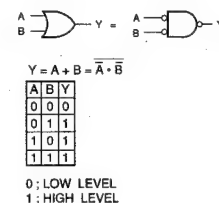
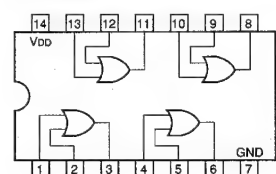


NOTE:

TYPE	V <sub>DD</sub>
TC74AC/TC74VHC	+2 to +5.5V
HCT/ACT	+5V
OTHER TYPES	+2 to +6V

SN74HC32ANS (TI) FLAT PACKAGE  
 SN74HC32ANS-E05  
 TC74VHC32F(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT OR GATES  
 -TOP VIEW-



NOTE:

TYPE	V <sub>DD</sub>
74AC/74VHC	+2 to +5.5V
74HC	+2 to +6V
74HCT	+4.5 to +5.5V



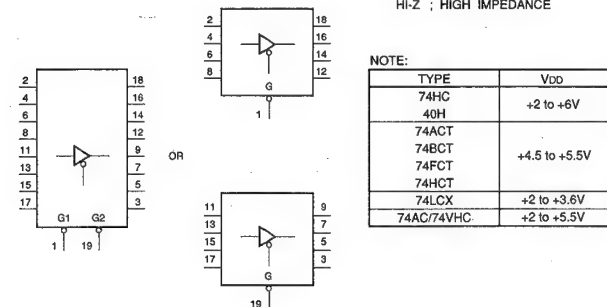
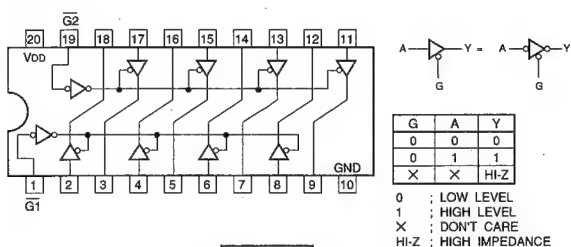
**-TOP VIEW-**





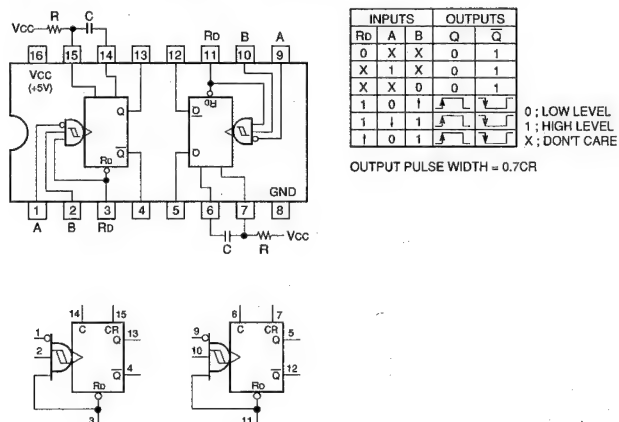
# SN74HCT244ANS (TI) FLAT PACKAGE SN74HCT244ANS-E05

C-MOS BUS BUFFER WITH 3-STATE OUTPUTS  
-TOP VIEW-



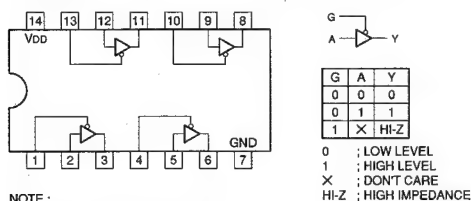
# SN74LS221NS-E05 (TI) FLAT PACKAGE

TTL MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT  
-TOP VIEW-



# SN74LVC125PW-E05 (TI) TC74VHC125F (TOSHIBA) FLAT PACKAGE TC74VHC125F(EL) TC74VHC125FS(EL) (TOSHIBA)

C-MOS BUS BUFFER GATES WITH 3-STATE OUTPUT  
-TOP VIEW-

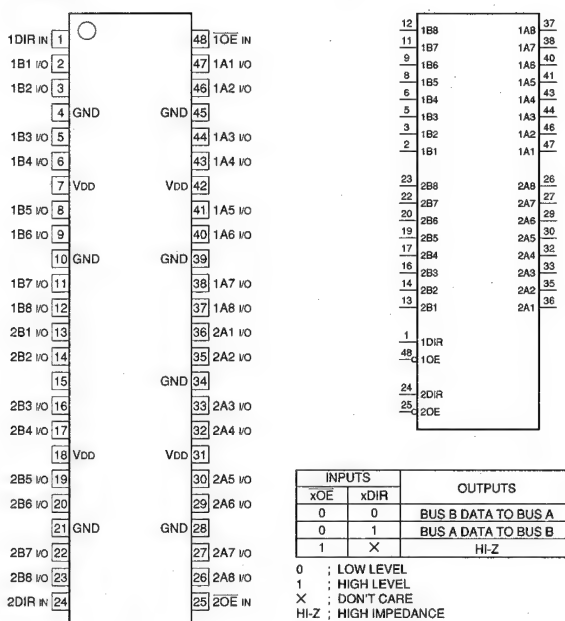


NOTE:

TYPE	VDD
74AC/ 74VHC	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
74LVT/74LVC	+2.7 to +3.6V
OTHER TYPES	+2 to +6V

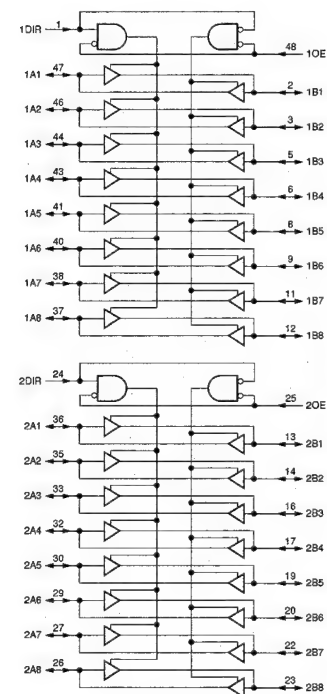
# SN74LVC16245ADGGR (TI)

C-MOS 16-BIT BIDIRECTIONAL TRANSCEIVER  
-TOP VIEW-



NOTE:

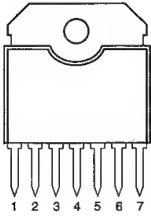
TYPE	VDD
IDT74FCT SN74LVC SN74LVT	+5V
74LCX	+2 to +3.6V





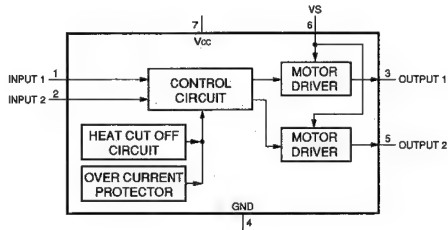
### TA7267P (TOSHIBA)

DC MOTOR DRIVER  
-PRINTED SIDE VIEW-



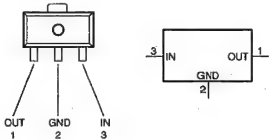
INPUTS		OUTPUTS		MODE
1	2	1	2	
1	1	0	0	BRAKE
0	1	0	1	ROTATION/REV. ROTATION
1	0	1	0	REV. ROTATION/ ROTATION
0	0	HI-Z		STOP

0 : LOW LEVEL  
1 : HIGH LEVEL  
HI-Z : HIGH IMPEDANCE



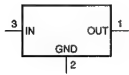
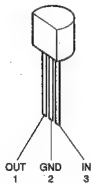
### TA78L05F (TOSHIBA)+5V (100mA) TA78L05F-TE12L

POSITIVE VOLTAGE REGULATOR  
-SIDE VIEW-

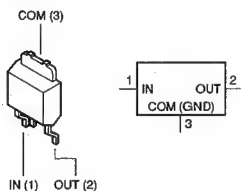


### NJM78L09A-T3 TA78L09S (TOSHIBA)+9V(100mA)

POSITIVE VOLTAGE REGULATOR

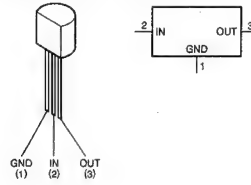


### TA78M10F (TE16L) (TOSHIBA) POSITIVE VOLTAGE REGULATOR (0.5A)



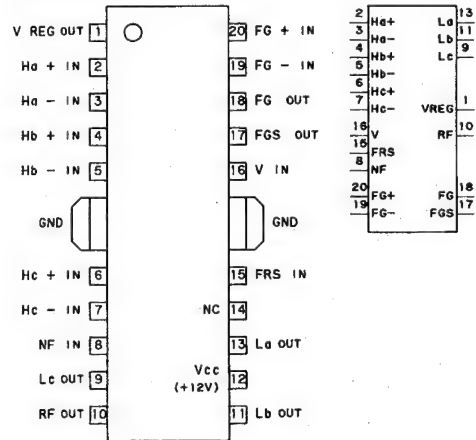
### TA79L010P-TPE6 (TOSHIBA) -12V(100MA)

NEGATIVE VOLTAGE REGULATOR



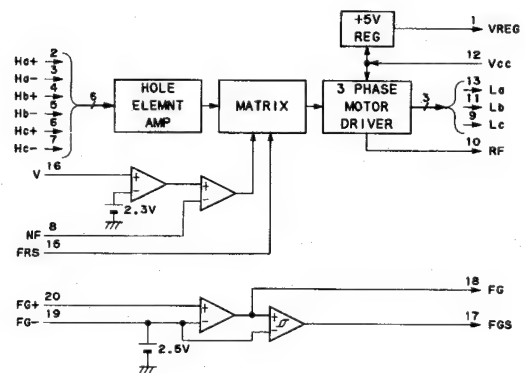
### TA8424F (TP2) (TOSHIBA)

MOTOR DRIVER FOR DIRECT CURRENT COMPACT MOTOR  
- TOP VIEW -



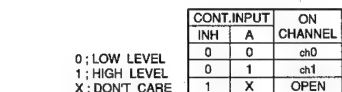
INPUT  
FG +/- : FG INPUT AMP  
FRS : MOTOR ROTATIONAL DIRECTION CONTROL  
Ha, Hb, Hc +/- : 3 PHASE ELEMENT AMP  
NF : FEEDBACK OUTPUT CURRENT  
V : CONTROL VOLTAGE

OUTPUT  
FG : FG GAIN AMP  
FGS : FG HYSTERESIS AMP  
La, Lb, Lc : 3 PHASE MOTOR DRIVE  
RF : OUTPUT CURRENT DETECTOR  
V REG : VOLTAGE REGULATOR

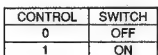




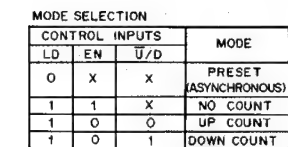
## C-MOS 2-CHANNEL MULTIPLEXER / DEMULTIPLEXER



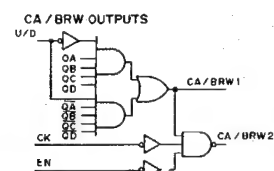
## C-MOS DUAL BILATERAL SWITCH



# C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY UP/DOWN COUNTER

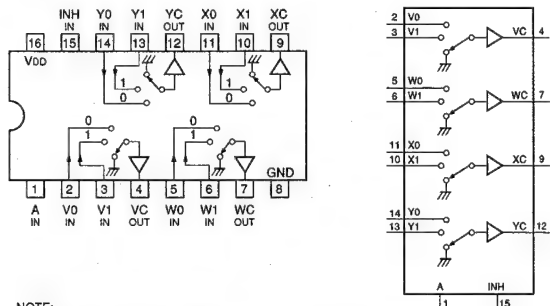


COUNT SEQUENCE				
COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1



CA/BRW1 OUTPUT IS HIGH WHEN COUNT IS "15" AT UP-COUNT OR WHEN COUNT IS "0" AT DOWN COUNT.

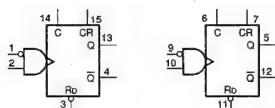
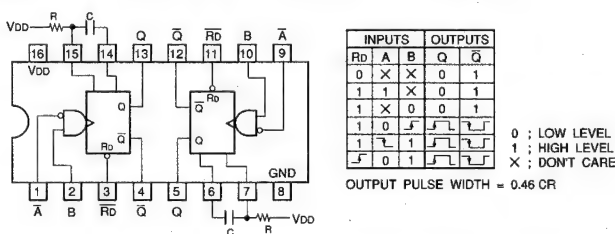
CA/BRW2 OUTPUT IS LOW WHEN BOTH THE CLOCK AND EN INPUTS ARE LOW AND CA/BRW1 OUTPUT IS HIGH.

C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/ DEMULTIPLEXER  
—TOP VIEW—

TYPE	VDD
74ACT17/4FCT	+5V
TC74AC157P TC74AC157	+2 to +5.5V
TC40H	+2 to +8V
OTHER TYPES	+2 to +8V

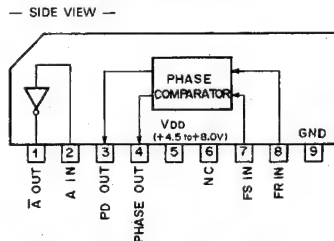
CONT.IN		ON CHANNEL
INH	A	
0	0	0
0	1	1
1	X	GND

C-MOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS  
-TOP VIEW-

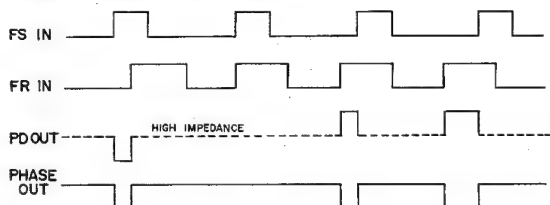


TYPE	VDD
TC74HC123AF	+5V
TC74VHC	+2V to +5.5V
OTHER TYPES	+2V to +6V

### C-MOS PHASE COMPARATOR

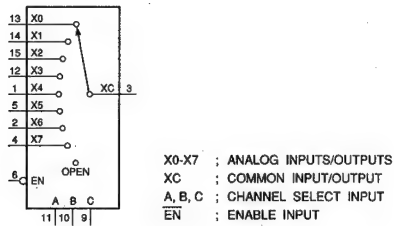
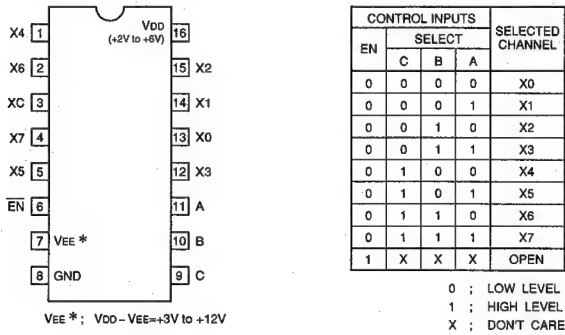


### PHASE COMPARATOR TIMING CHART

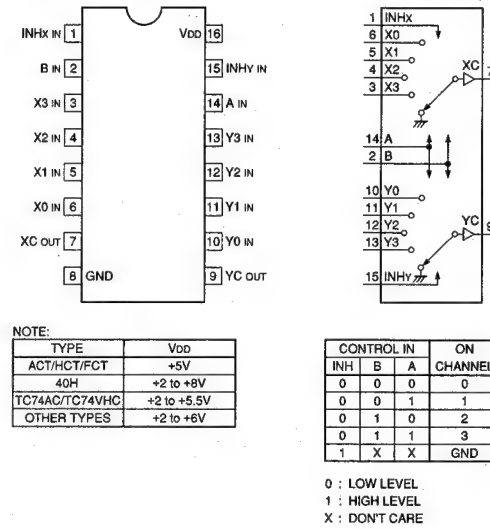




## TC74HC4051AF(EL) (TOSHIBA)

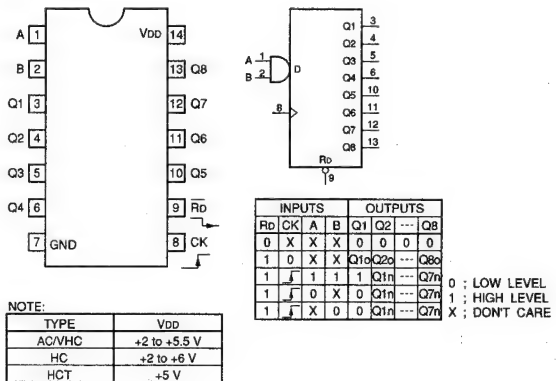
C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER  
—TOP VIEW—

## TC74VHC153FS(EL) (TOSHIBA) FLAT PACKAGE

C-MOS DUAL 4-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER  
—TOP VIEW—

NOTE:

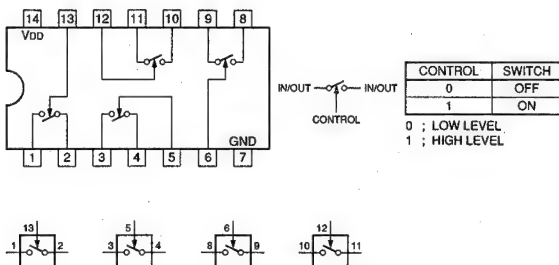
TYPE	VDD
ACT/HCT/FCT	+5V
40H	+2 to +8V
TC74AC/TC74VHC	+2 to +5.5V
OTHER TYPES	+2 to +6V

TC74VHC164F (TOSHIBA) FLAT PACKAGE  
TC74VHC164F(EL)C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER  
—TOP VIEW—

NOTE:

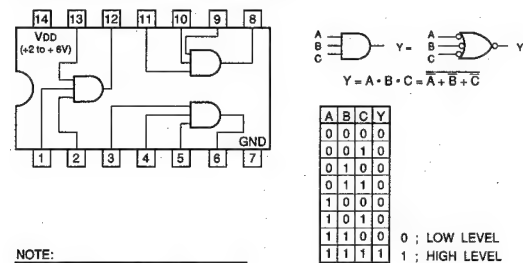
TYPE	VDD
AC/VHC	+2 to +5.5 V
HC	+2 to +6 V
HCT	+5 V

## TC74HC4066AF(EL) (TOSHIBA)

C-MOS BILATERAL ANALOG SWITCH  
—TOP VIEW—

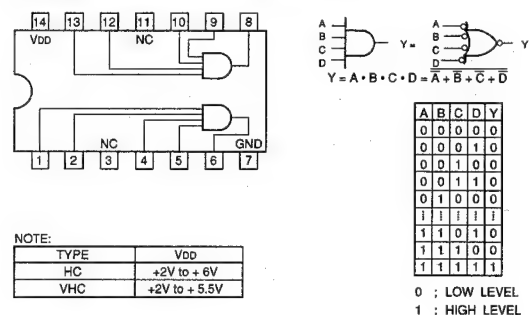
NOTE:

TYPE	VDD
MC74HC4066N	+3 to +12V
TC74HC4066AFS	+2 to +12V
OTHER TYPES	+2 to +6V

TC74VHC11F (TOSHIBA) FLAT PACKAGE  
TC74VHC11F(EL)C-MOS 3-INPUT POSITIVE-AND GATE  
—TOP VIEW—

NOTE:

TYPE	VDD
TC74VHC11	+2V to +5.5V
OTHER TYPES	+2V to +6V

TC74VHC21F (TOSHIBA) FLAT PACKAGE  
TC74VHC21F(EL)C-MOS DUAL 4-INPUT POSITIVE AND GATE  
—TOP VIEW—

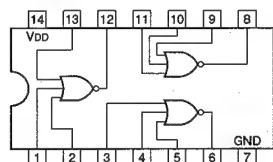
NOTE:

TYPE	VDD
HC	+2V to +6V
VHC	+2V to +5.5V



# TC74VHC27F(EL) (TOSHIBA)

C-MOS 3-LINE POSITIVE-NOR GATE  
-TOP VIEW-



NOTE:

TYPE	VDD
TC40H	+2 to +8V
OTHERS	+2 to +6V

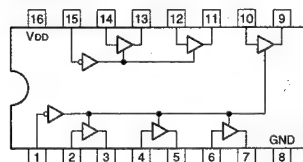
$$Y = \overline{A \cdot B \cdot C} = \overline{A} \cdot \overline{B} \cdot \overline{C}$$

A	B	C	Y
0	0	0	1
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	0

0 : LOW LEVEL  
1 : HIGH LEVEL

# TC74VHC367F (TOSHIBA)FLAT PACKAGE TC74VHC367F(EL)

C-MOS BUS DRIVER WITH 3-STATE OUTPUTS  
-TOP VIEW-



$$Y = \overline{A \cdot B \cdot C \cdot D}$$

G	A	B	C	D	Y
0	0	0	0	0	1
0	1	1	1	1	1
1	X	X	X	X	Hi-Z

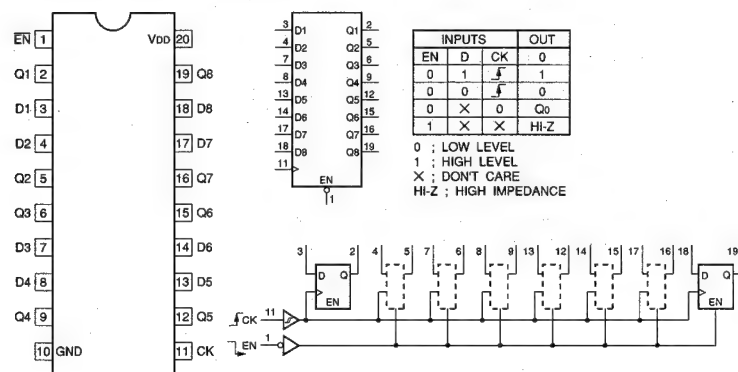
0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DON'T CARE  
Hi-Z : HIGH IMPEDANCE

NOTE:

TYPE	VDD
TC74AC/TC74VHC	+2 to +5.5V
OTHER TYPES	+2 to +6V

# TC74VHC374F (TOSHIBA)FLAT PACKAGE TC74VHC374F(EL)

C-MOS 3-STATE OCTAL D-TYPE FLIP-FLOP  
-TOP VIEW-



NOTE:

TYPE	VDD
74AC/74HC	+2 to +6V
74ACT/74BCT/74FCT/74HCT	+5V
74VHC	+2 to +5.5V

INPUTS			OUT
EN	D	CK	Q
0	1	0	1
0	0	0	0
0	X	0	Q0
1	X	X	Hi-Z

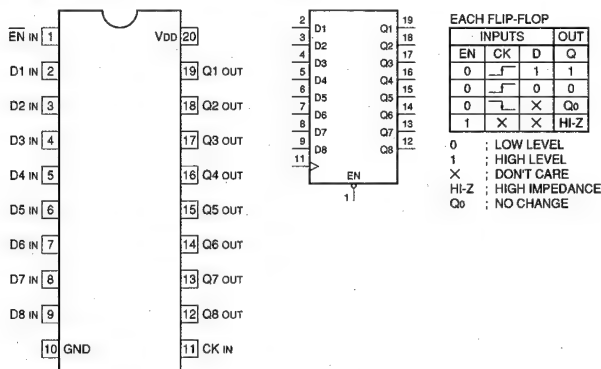
0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DON'T CARE  
Hi-Z : HIGH IMPEDANCE

# TC74VHC574F (TOSHIBA)FLAT PACKAGE

## TC74VHC574F(EL)

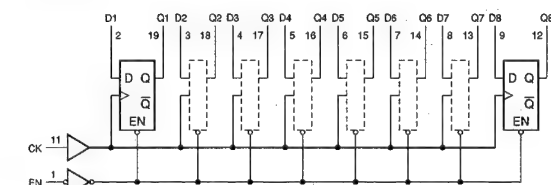
## TC74VHC574FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP  
-TOP VIEW-



EACH FLIP-FLOP			
INPUTS			OUT
EN	CK	D	Q
0	0	1	1
0	1	0	0
0	X	X	Q0
1	X	X	Hi-Z

0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DON'T CARE  
Hi-Z : HIGH IMPEDANCE  
Q0 : NO CHANGE



NOTE:

TYPE	VDD
74HC	+2 to +6V
74AC/74VHC	+2 to +5.5V
74ACT/74FCT/74HCT	+4.5 to +5.5V
74LCX	+2 to 3.6V
74LVC	+2.7 to 3.6V

# TC7S32FU(TE85R) (TOSHIBA)FLAT PACKAGE TC7SH32FU-TE85R (TOSHIBA)FLAT PACKAGE

C-MOS 2-INPUT OR GATE

-TOP VIEW-



$$Y = A + B = \overline{A \cdot B}$$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0 : LOW LEVEL  
1 : HIGH LEVEL

TYPE	VDD
7S32F	+2 to +6V
7S32FU	+2 to +6V
4S71F	+3 to +18V
7SH32FU	+2 to +5.5V

# TC7S86F(TE85R)

## TC7S86F-TE85L (TOSHIBA)FLAT PACKAGE

C-MOS 2-INPUT EXCLUSIVE OR GATE

(SCALE 6/1)  
-TOP VIEW-



$$Y = \overline{A \cdot B} + A \cdot B$$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

0 : LOW LEVEL  
1 : HIGH LEVEL

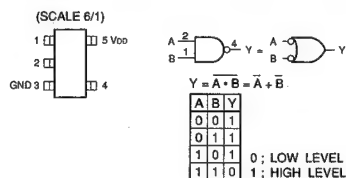
TYPE	VDD
7S86F	+2 to +6V
7S86F	+2 to +6V
4S30F	+3 to +18V



## TC7SH00FU-TE85R (TOSHIBA) FLAT PACKAGE

## C-MOS 2-INPUT NAND GATE

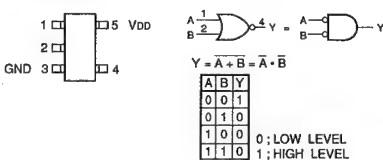
—TOP VIEW—



TYPE	V <sub>DD</sub>
7S00F	+2 to +6 V
7S00FU	+2 to +6 V
4S11F	+3 to +18 V
4SU11F	+3 to +18 V
7SH00FU	+2 to +5.5 V

TC7SH02FU (TOSHIBA) CHIP PACKAGE  
TC7SH02FU-TE85R

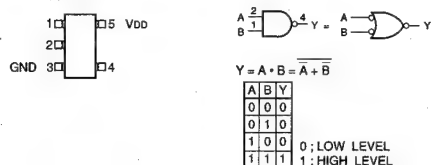
## C-MOS 2-INPUT NOR GATE

(SCALE 6/1)  
—TOP VIEW—

TYPE	V <sub>DD</sub>
4S01F	+3 to +18V
7S02F	+2 to +6V
7S02FU	+2 to +6V
7SH02FU	+2 to +6V

## TC7SH08FU-TE85R (TOSHIBA) CHIP PACKAGE

## C-MOS 2-INPUT AND GATE

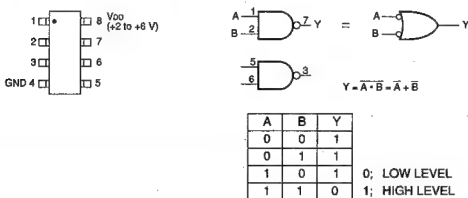
(SCALE 6/1)  
—TOP VIEW—

TYPE	V <sub>DD</sub>
7S08F	+2 to +6V
7S08FU	+2 to +6V
4S81F	+3 to +18V
14S81F	+3 to +18V
7SH08FU	+2 to +5.5V

## TC7W00F (TE12R) (TOSHIBA) CHIP PACKAGE

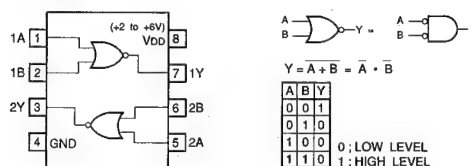
## C-MOS DUAL 2-INPUT NAND GATE

—TOP VIEW—

TC7W02F (TOSHIBA) FLAT PACKAGE  
TC7W02FU (TE12R)

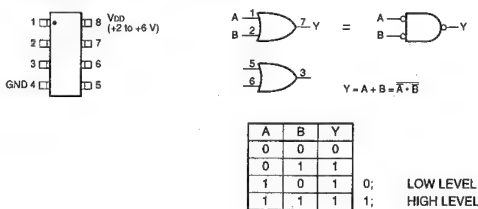
## C-MOS DUAL 2-INPUT NOR GATE

—TOP VIEW—

TC7W32FU (TOSHIBA) CHIP PACKAGE  
TC7W32FU (TE12R)

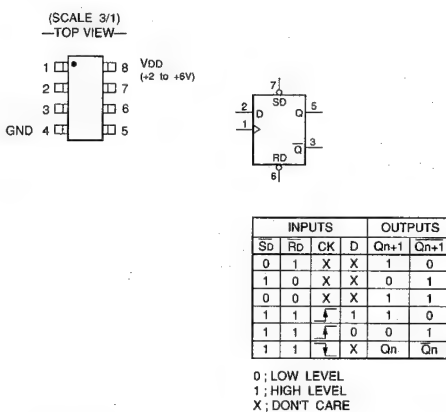
## C-MOS DUAL 2-INPUT OR GATE

—TOP VIEW—

TC7W74FU (TOSHIBA) CHIP PACKAGE  
TC7W74FU (TE12R)

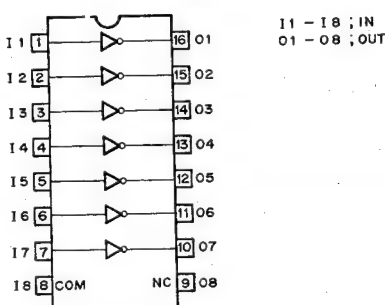
## C-MOS D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET

—TOP VIEW—

TD62504F (EL)  
TD62504F-TEL (TOSHIBA)

## SINGLE DRIVER

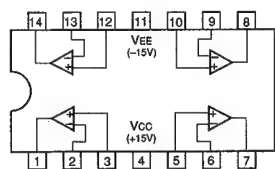
—TOP VIEW—





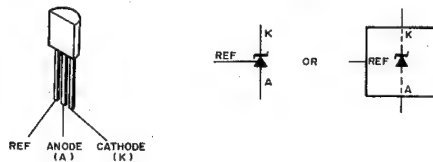
# TL084CPW-E20 (TI) FLAT PACKAGE

OPERATIONAL AMPLIFIER  
(J FET INPUT)  
-TOP VIEW-



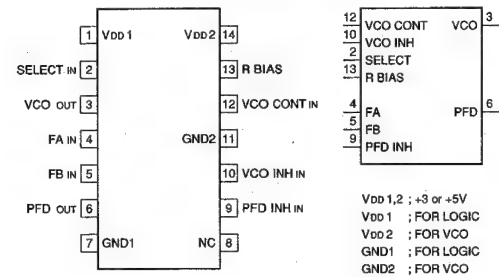
# TL431CLP (TI) TL431CLP-Z

ADJUSTABLE PRECISION SHUNT REGULATOR



# TLC2932IPW-E20 (TI)

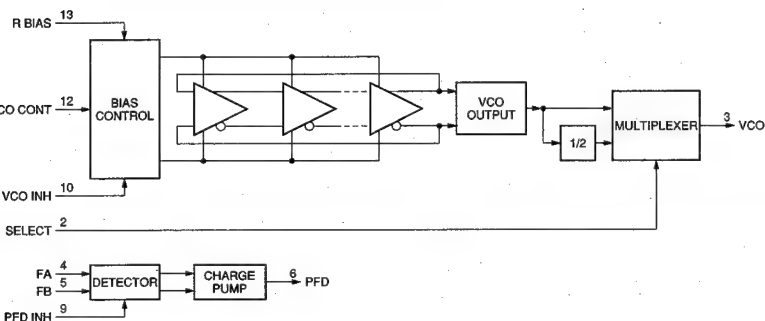
C-MOS VCO AND PHASE FREQUENCY DETECTOR  
-TOP VIEW-



**INPUT**  
FA : REFERENCE FREQUENCY  
FB : INPUT FREQUENCY FROM OUTSIDE COUNTER  
PFD INH : PFD INHIBIT  
SELECT : VCO OUTPUT FREQUENCY SELECT  
VCO CONT : VCO CONTROL VOLTAGE  
VCO INH : VCO INHIBIT

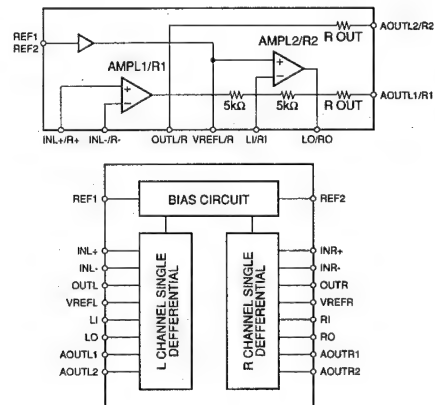
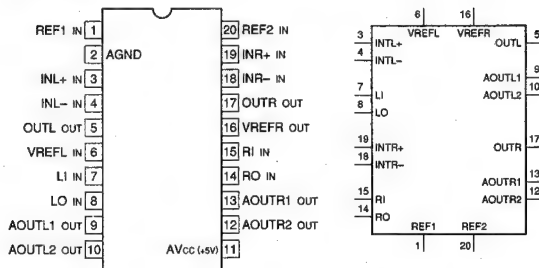
**OUTPUT**  
PFD : PHASE FREQUENCY DETECTOR  
VCO : VOLTAGE CONTROLLED OSCILLATOR

**OTHER**  
R BIAS : BIAS RESISTOR FOR VCO OSCILLATION FREQUENCY SETTING



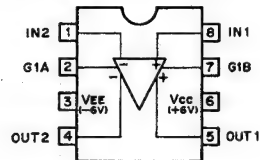
# TL32088CNS-E20 (TI)

PRE-AMP (FOR AUDIO 2 CH A/D CONVERTER)  
-TOP VIEW-



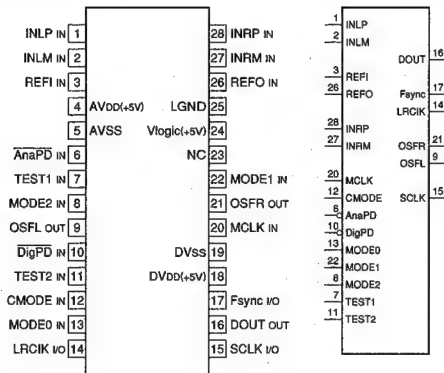
# UPC1663G (NEC) FLAT PACKAGE UPC1663G-E2

WIDEBAND VIDEO AMPLIFIER  
-TOP VIEW-





**TLC320AD58CDWR (TI)**  
2CH AUDIO A/D CONVERTER  
-TOP VIEW-

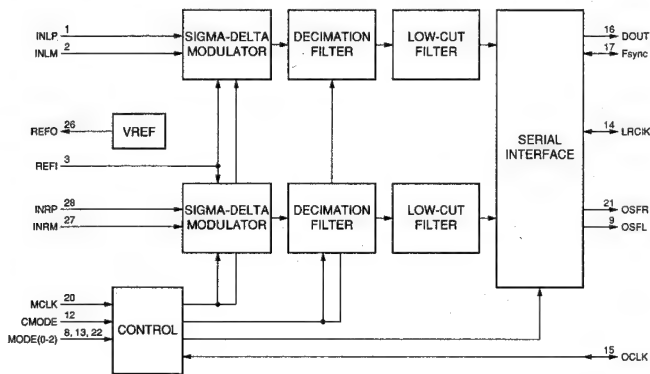


**INPUT**  
AnaPD : ANALOG POWER DOWN MODE  
CMODE : CLOCK MODE  
DigPD : DIGITAL POWER DOWN MODE  
INLM : L-CH INV ANALOG INPUT  
INLP : L-CH NONINV ANALOG INPUT  
INRM : R-CH INV ANALOG INPUT  
INRP : R-CH NONINV ANALOG INPUT  
MCLK : MASTER CLOCK  
MODE0-MODE2 : SERIAL MODE  
REFI : REFERENCE VOLTAGE INPUT  
REFO : INTERNAL REFERENCE VOLTAGE POWER  
TEST1, TEST2 : TEST MODE

**OUTPUT**  
DOUT : DATA  
OSFL/R : L/R-CH OVER SCALE FLAG

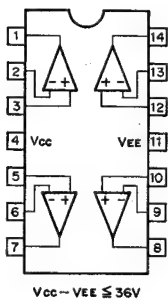
**INPUT/OUTPUT**  
Fsync : FRAME SYNCHRONOUS  
LRCLK : LR CLOCK  
SCLK : SHIFT CLOCK

MODE	MASTER /SLAVE	bit	MSB/LSB
0 1 2			FIRST
0 0 0	SLAVE	16	MSB
0 0 1	SLAVE	18	LSB
0 1 0	SLAVE	18	MSB
0 1 1	MASTER	16	MSB
1 0 0	MASTER	18	MSB
1 0 1	MASTER	18	LSB
1 1 0	MASTER	16	MSB
1 1 1	MASTER	16	LSB



**UPC4574G2 (NEC)**  
UPC4574G2-T2

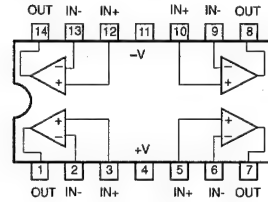
QUAD OPERATIONAL AMPLIFIER  
- TOP VIEW -



DSR-85/85P

**UPC324G2 (NEC) FLAT PACKAGE**  
UPC324G2-E2

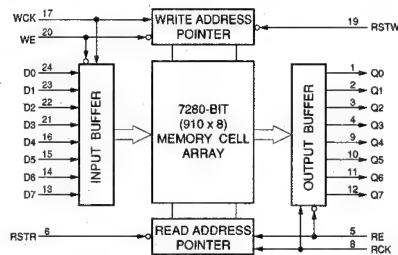
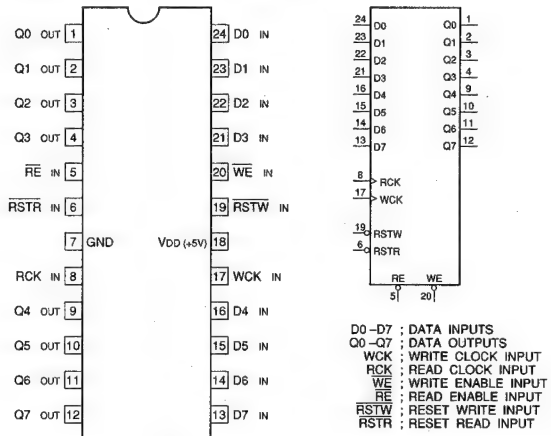
QUAD OPERATIONAL AMPLIFIERS  
-TOP VIEW-



	+V	-V
SINGLE SUPPLY	+3 to +32 V	GND
DUAL SUPPLIES	+1.5 to +16 V	-1.5 to -16 V

**UPD42101G-3 (NEC) FLAT PACKAGE**  
UPD42101G-3-E2

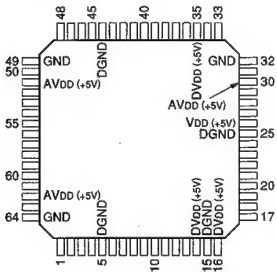
C-MOS 7K (910 x 8)-BIT FIFO MEMORY  
-TOP VIEW-





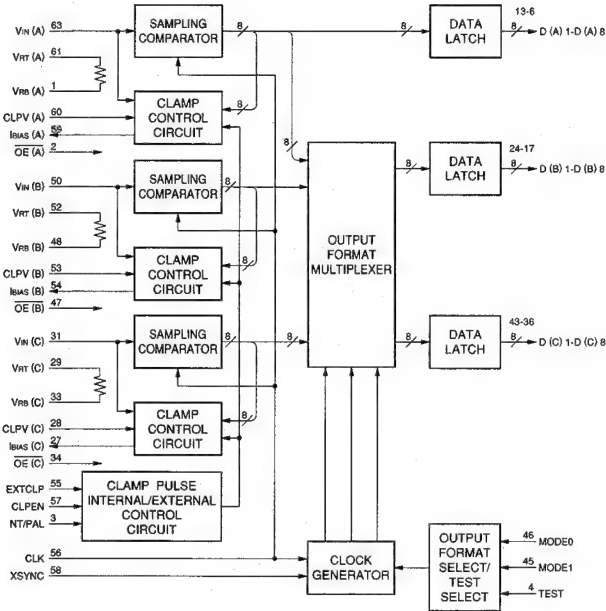
# TLC5733IPM (TI)

C-MOS 8-BIT 3CHANNEL SEMI-FLASH A/D CONVERTER  
-TOP VIEW-



(DVDD, AVDD = +5 V)											
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	V <sub>FB</sub> (A)	14	—	DVDD (QA)	27	—	IBIAS (C)	40	O	D (C) 4
2	I	OE (A)	15	—	DGND (QB)	28	I	CLPV (C)	41	O	D (C) 3
3	I	NT/PAL	16	—	DVDD (QB)	29	I	V <sub>RT</sub> (C)	42	O	D (C) 2
4	I	TEST	17	O	D (B) 8	30	—	AVDD (C)	43	O	D (C) 1
5	—	DGND (QA)	18	O	D (B) 7	31	I	V <sub>IN</sub> (C)	44	—	DGND (QC)
6	O	D (A) 8	19	O	D (B) 6	32	—	GND (C)	45	I	MODE1
7	O	D (A) 7	20	O	D (B) 5	33	I	V <sub>FB</sub> (C)	46	I	MODE0
8	O	D (A) 6	21	O	D (B) 4	34	I	OE (C)	47	I	OE (B)
9	O	D (A) 5	22	O	D (B) 3	35	—	DVDD (QC)	48	I	V <sub>FB</sub> (B)
10	O	D (A) 4	23	O	D (B) 2	36	O	D (C) 8	49	—	GND (B)
11	O	D (A) 3	24	O	D (B) 1	37	O	D (C) 7	50	I	V <sub>IN</sub> (B)
12	O	D (A) 2	25	—	DGND	38	O	D (C) 6	51	—	AVDD (B)
13	O	D (A) 1	26	—	DVDD	39	O	D (C) 5	52	I	V <sub>RT</sub> (B)

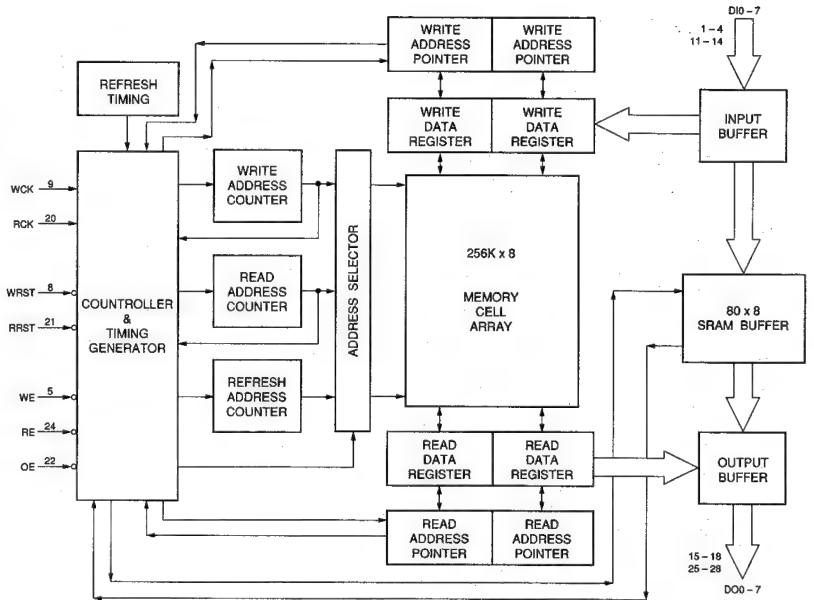
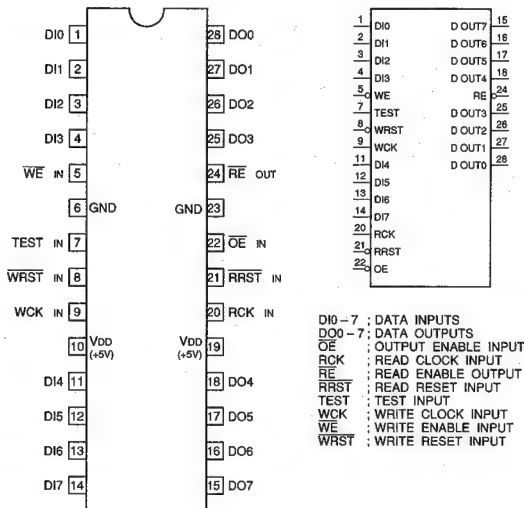
INPUT		OUTPUT	
63	V <sub>IN</sub> (A)	6	CLK
50	V <sub>IN</sub> (B)	7	CLPEN
31	V <sub>IN</sub> (C)	8	CLPV (A) - CLPV (C)
		9	EXTCLP
60	CLPV (A)	10	MODE0, MODE1
53	CLPV (B)	11	NT/PAL
28	CLPV (C)	12	OE (A) - OE (C)
		13	TEST
1	V <sub>FB</sub> (A)	14	V <sub>IN</sub> (A) - V <sub>IN</sub> (C)
48	V <sub>FB</sub> (B)	17	V <sub>FB</sub> (A) - V <sub>FB</sub> (C)
33	V <sub>FB</sub> (C)	18	V <sub>RT</sub> (A) - V <sub>RT</sub> (C)
		19	XSYNC
61	V <sub>RT</sub> (A)	20	DATA OUTPUT OF ADC A
52	V <sub>RT</sub> (B)	21	DATA OUTPUT OF ADC B
29	V <sub>RT</sub> (C)	22	DATA OUTPUT OF ADC C
		23	
2	OE (A)	24	
47	OE (B)	25	
34	OE (C)	26	
		27	
46	MODE0	28	
45	MODE1	29	
		30	
56	CLK	31	
57	CLPEN	32	
55	EXTCLP	33	
3	NT/PAL	34	
4	TEST	35	
58	XSYNC	36	
		37	
59	IBIAS (A)	38	
54	IBIAS (B)	39	
27	IBIAS (C)	40	





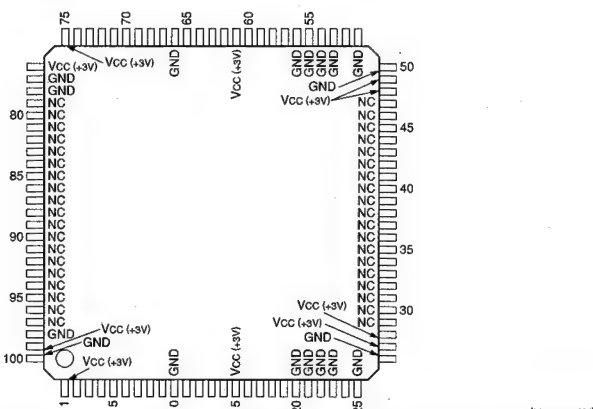
# UPD42280GU-30 (NEC) FLAT PACKAGE UPD42280GU-30-E2

C-MOS 2M (256 x 8) BIT FIELD BUFFER  
—TOP VIEW—

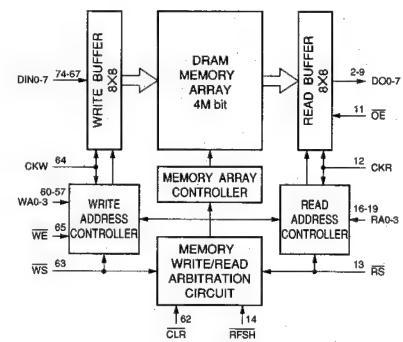
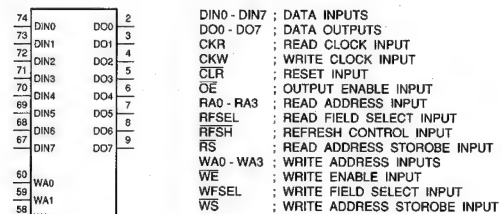


## ZA4024 (TI)

SIGNAL PROCESSOR FOR DIGITAL VCR  
—TOP VIEW—



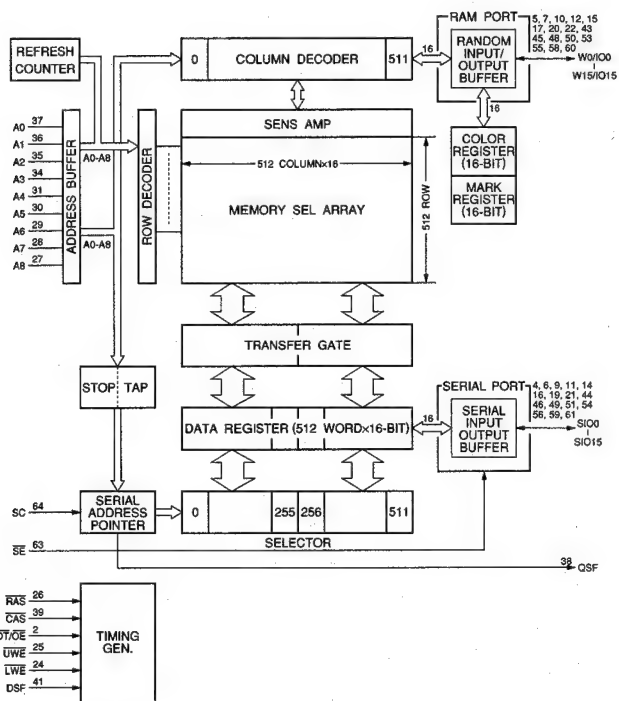
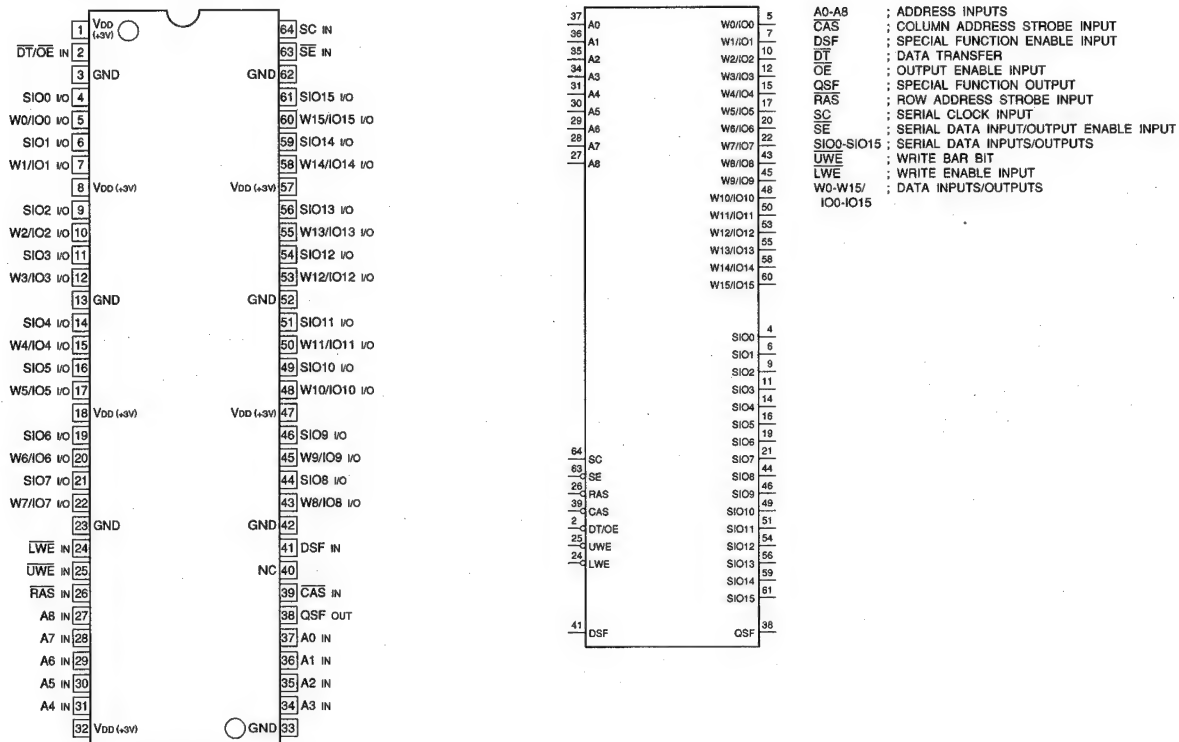
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	VCC	21	—	GND	41	—	NC	61	—	VCC
2	O	DO0	22	—	GND	42	—	NC	62	I	CLR
3	O	DO1	23	—	GND	43	—	NC	63	I	WS
4	O	DO2	24	I	RFSEL	44	—	NC	64	I	CKW
5	O	DO3	25	—	GND	45	—	NC	65	I	WE
6	O	DO4	26	—	GND	46	—	NC	66	—	GND
7	O	DO5	27	—	VCC	47	—	NC	67	I	DIN7
8	O	DO6	28	—	VCC	48	—	VCC	68	I	DIN6
9	O	DO7	29	—	NC	49	—	VCC	69	I	DIN5
10	—	GND	30	—	NC	50	—	GND	70	I	DIN4
11	I	OE	31	—	NC	51	—	GND	71	I	DIN3
12	I	CKR	32	—	NC	52	I	WFSEL	72	I	DIN2
13	I	RS	33	—	NC	53	—	GND	73	I	DIN1
14	I	RFSH	34	—	NC	54	—	GND	74	I	DIN0
15	—	VCC	35	—	NC	55	—	GND	75	—	VCC
16	I	RA0	36	—	NC	56	—	GND	76	—	VCC
17	I	RA1	37	—	NC	57	I	WA3	77	—	GND
18	I	RA2	38	—	NC	58	I	WA2	78	—	GND
19	I	RA3	39	—	NC	59	I	WA1	79	—	NC
20	—	GND	40	—	NC	60	I	WA0	80	—	NC





# UPD482445LGW-B10-E2 (NEC)

## C-MOS 4M-BIT DUAL PORT GRAPHICS BUFFER -TOP VIEW-

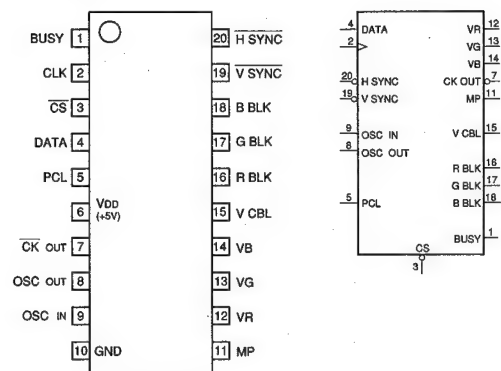




# UPD6453GT-635-E2 (NEC) FLAT PACKAGE

## C-MOS ON-SCREEN CHARACTER DISPLAY

—TOP VIEW—

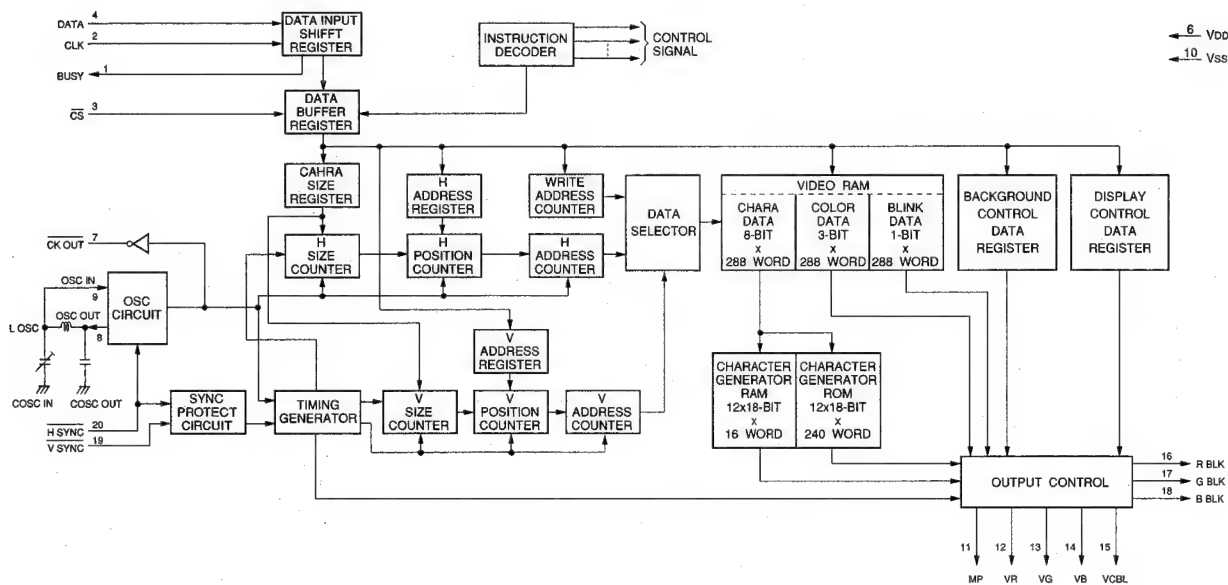


### INPUT

CLK : CLOCK  
CS : CHIP SELECT  
DATA : SERIAL DATA  
H SYNC : HORIZONTAL SYNC  
OSC IN : OSCILLATOR IN  
PCL : POWER ON CLEAR  
V SYNC : VERTICAL SYNC

### OUTPUT

BBLK, RBLK, GBLK : B, R, G, BLANKING  
BUSY : BUSY OUT  
CK OUT : CLOCK  
MP : MASK PULSE  
OSC OUT : OSCILLATOR OUT  
VR, VG, VB : R, G, B, CHARACTER DATA  
VCBL : VIDEO CUT BLANKING









## SECTION 13

### SPARE PARTS AND OPTIONAL FIXTURES

#### 13-1. NOTES ON SPARE PARTS

##### (1) Safety Related Components Warning

Components identified by shading marked with  $\Delta$  on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose parts numbers appear as shown in this manual or in service manual supplements published by Sony.

##### (2) Standardization of Parts

Replace Parts that are supplied from Sony Parts Center can sometimes have different shape and external appearance than what are actually used in equipment. This is due to "accommodating the improved parts and/or engineering changes" or "standardization of genuine parts."

##### (3) Stocked of Parts

The parts marked with "s" in the SP column of the exploded views and electrical spare parts list are normally required for routine service work. Orders for parts marked with "o" will be processed, but allow for additional delivery time.

##### (4) Units of Capacitors, Inductors, and Resistors

The following units are omitted in the schematic diagrams, exploded views, and electrical part lists unless otherwise specified;

Capacitor :  $\mu\text{F}$   
Inductors :  $\mu\text{H}$   
Resistors :  $\Omega$

#### 13-1. 補修用部品注意事項

##### (1) 安全重要部品

回路図、分解図、電気部品表中、 $\Delta$ 印の部品は安全性を維持するために重要な部品です。したがって、これらの部品を交換する場合は必ず指定の部品と交換してください。

##### (2) 部品の共通化

ソニーから供給される部品はセットに実装されているものと異なることがあります。これは部品の共通化、改良等によるものです。分解図や電気部品表中には現時点での共通化された部品が記載されています。

##### (3) 部品在庫

SP (Supply code) 欄が "o" で示されている部品は交換頻度が低い部品であるので在庫していないことがあり、納期が長くなることがあります。

##### (4) コンデンサ、インダクタ、抵抗の単位

回路図、分解図、電気部品表中、特に明記したものを除き、下記の単位は省略されています。

コンデンサー :  $\mu\text{F}$   
インダクター :  $\mu\text{H}$   
抵抗 :  $\Omega$



## 13-2. EXPLODED VIEWS

### REEL CHASSIS

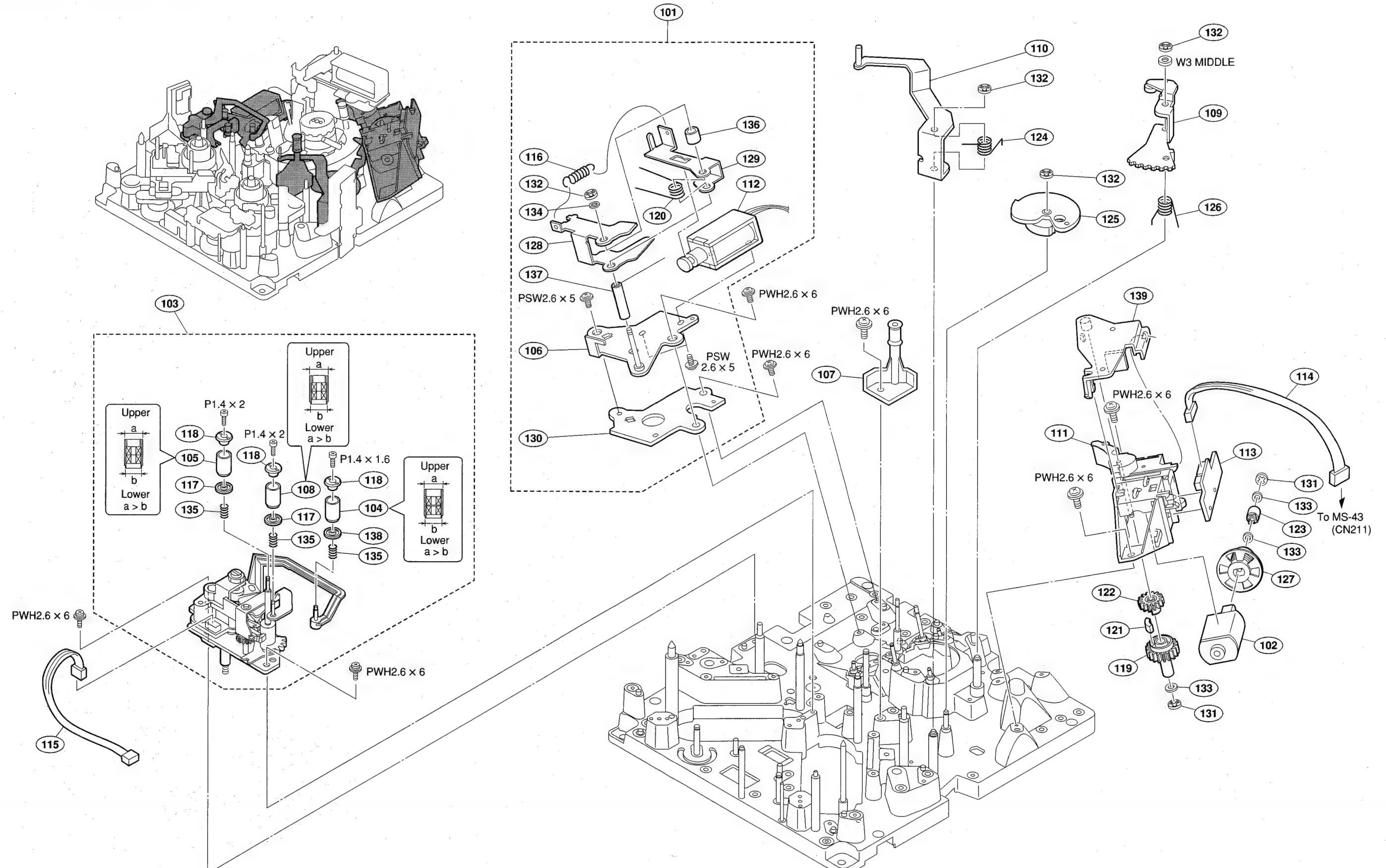
No.	Parts No.	SP	Description	No.	Parts No.	SP	Description
1	A-8278-411-A	s	MOTOR ASSY, RS	41	3-605-988-01	s	SPRING, C.R PUSH
2	A-8311-186-A	s	BLOCK (S) ASSY, REEL	42	3-669-465-01	s	WASHER (1.5), STOPPER
3	A-8311-187-A	s	BLOCK (T) ASSY, REEL	43	3-669-596-01	s	WASHER (2.3), STOPPER
4	A-8311-188-A	s	TABLE (S) ASSY, RS	44	3-683-089-01	s	BEARING (S)
5	A-8311-189-A	s	TABLE (T) ASSY, RS	45	3-701-437-01	s	WASHER, POLY 2MM DIA 0.13T
6	A-8311-617-B	s	HOLDER (E) BLOCK ASSY, MIC	46	3-701-437-11	s	WASHER, POLY 2MM DIA 0.25T
7	X-3678-717-1	s	ROD ASSY, CRANK	47	3-701-437-21	s	WASHER, POLY 2MM DIA 0.5T
8	X-3678-722-2	s	RETAINER (A) ASSY, SHAFT	48	3-701-437-91	s	WASHER, POLY 2MM DIA 0.05T
9	X-3678-750-1	s	ARM S ASSY, CRANK	49	3-605-865-01	s	HEXAGON SOCKET SCREW WP2X3
10	X-3678-751-1	s	ARM T ASSY, CRANK				
11	X-3678-761-5	s	ASSY, REEL DECK				
12	X-3678-771-1	s	GEAR ASSY, WORM				
13	X-3678-782-1	s	CASE SUB ASSY, WORM GEAR				
14	X-3678-783-4	s	ARM ASSY, MIC				
15	X-3678-873-1	s	ASSY, BRAKE (S)				
16	X-3678-874-1	s	ASSY, BRAKE (T)				
17	X-3678-958-2	s	PUSH ARM ASSY, C.R				
18	1-454-787-12	s	SOLENOID, PLUNGER				
19	1-662-914-11	s	PRINTED CIRCUIT BOARD, SE-315				
20	1-662-915-11	o	PRINTED CIRCUIT BOARD, SE-361				
21	1-662-916-11	o	PRINTED CIRCUIT BOARD, RM-159				
22	1-662-919-11	o	PRINTED CIRCUIT BOARD, RM-160				
23	1-777-534-11	s	WIRE (FLAT TYPE) (9 CORE) (S)				
24	1-777-731-11	s	WIRE (FLAT TYPE) (9 CORE) (T)				
25	1-956-616-11	o	HARNES, SUB (FG)				
26	3-370-323-01	s	SPRING, COMPRESSION				
27	3-603-908-01	s	ARM, RELEASE, BRAKE				
28	3-603-953-01	s	BRACKET, LIMITER				
29	3-604-444-01	s	RETAINER, SHAFT				
30	3-604-495-01	s	SPRING, HOLDER				
31	3-604-500-01	s	GUIDE, PLATE				
32	3-604-501-01	s	WHEEL (S), WORM				
33	3-604-502-01	s	SPRING, RLR				
34	3-604-503-01	s	RETAINER (B), SHAFT				
35	3-604-533-01	s	GEAR (T), CRANK				
36	3-604-534-01	s	GEAR (S), CRANK				
37	3-604-556-01	s	WHEEL (T), WORM				
38	3-604-652-01	s	SHAFT, SLIDE				
39	3-604-681-02	s	RELEASE LEVER, REEL LOCK				
40	3-604-846-01	s	HOLDER, LIMITER				







S ARM ASSY & GEAR BOX ASSY





**S ARM ASSY & GEAR BOX ASSY**

No.	Parts No.	SP	Description
101	A-8278-409-B	s	PRESS ASSY, PINCH
102	A-8278-410-B	s	MOTOR ASSY
103	A-8312-672-A	s	ARM ASSY, S
104	X-3604-989-1	s	GUIDE ROLLER ASSY, TG-3
105	X-3604-988-1	s	GUIDE ROLLER ASSY, TG-1
106	X-3678-747-1	s	BASE ASSY, P
107	X-3604-922-2	s	TG-12 ASSY
108	X-3604-987-1	s	GUIDE ROLLER ASSY, TG-2
109	X-3678-769-2	s	ARM ASSY, DRIVING, T
110	X-3678-770-2	s	ARM ASSY, T PULL
111	X-3678-772-4	s	BASE ASSY, GEAR BOX
112	1-454-337-21	s	SOLENOID, PLUNGER
113	1-662-912-11	s	PRINTED CIRCUIT BOARD, PTC-88
114	1-956-617-11	o	HARNESS, SUB (THREADING)
115	1-956-620-11	o	HARNESS, SUB (1 TREG)
116	2-270-832-11	s	SPRING, TENSION
117	3-614-775-01	s	LOWER FLANGE, TG-1
118	3-603-904-01	s	FLANGE, UPPER
119	3-603-924-01	s	WHEEL, WORM
120	3-603-925-02	s	SPRING (B), TORSION
121	3-604-442-01	s	RUBBER, LIMITTER
122	3-604-443-01	s	GEAR, LIMITER
123	3-604-444-01	s	RETAINER, SHAFT
124	3-604-447-03	s	SPRING, T ARM
125	3-604-483-02	s	GEAR, CAM
126	3-604-484-02	s	SPRING, DRIVING ARM
127	3-604-487-01	s	GEAR, WORM
128	3-604-489-01	s	LEVER, P PRESS
129	3-604-490-01	s	P LIMITER
130	3-604-492-01	s	SUB BASE, P
131	3-669-465-01	s	WASHER (1.5), STOPPER
132	3-669-596-00	s	WASHER (2.3), STOPPER
133	3-701-437-21	s	WASHER, POLY 2MM DIA 0.5T
134	3-701-439-11	s	WASHER, POLY 3MM DIA 0.25T
135	3-722-156-01	s	SPRING, COMPRESSION
136	4-611-326-01	o	SPACER (4X6)
137	9-910-999-31	s	SPACER (3X18)
138	3-614-778-01	s	LOWER FLANGE, TG-3
139	3-615-346-01	s	COVER, G-BOX



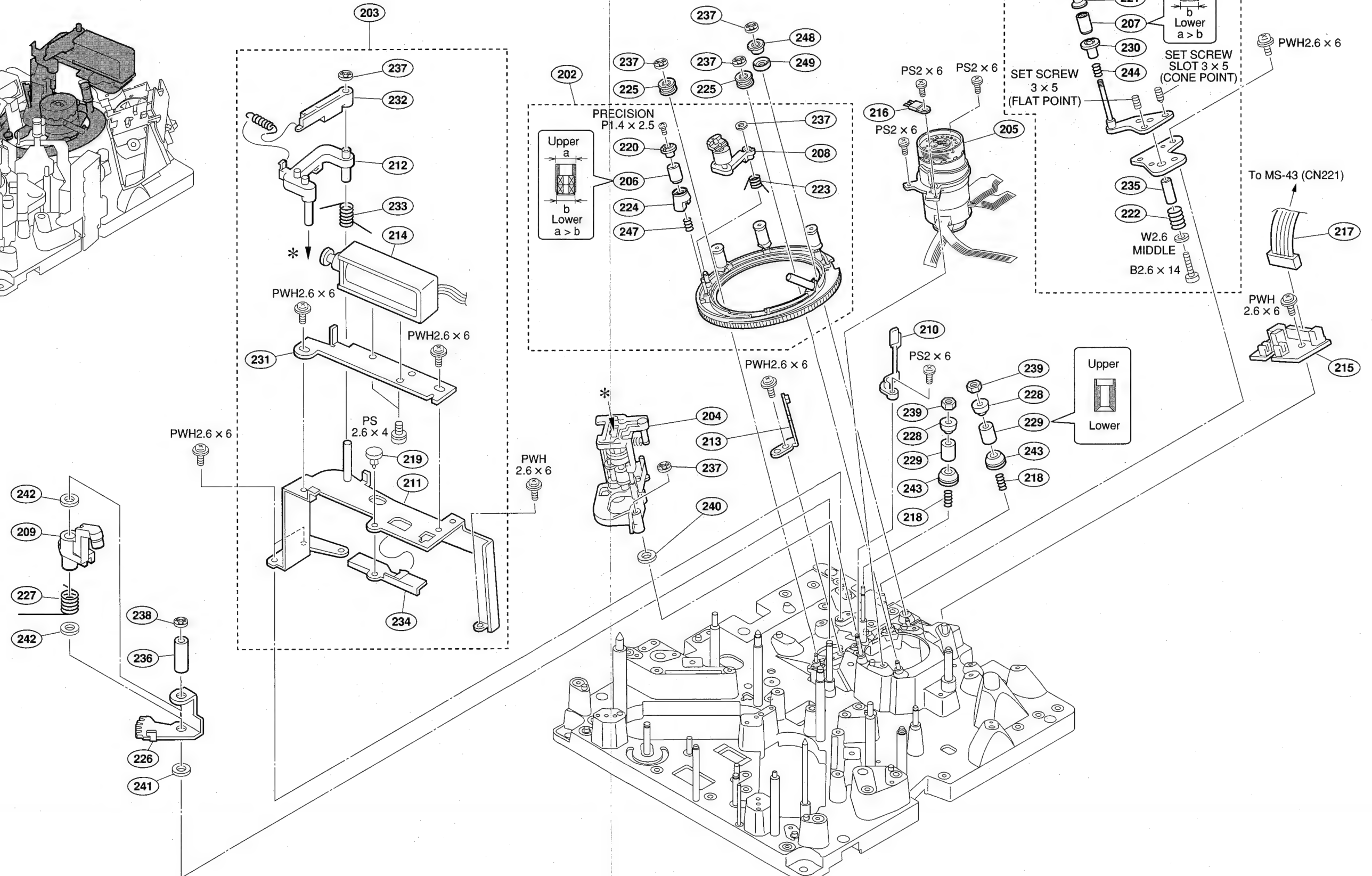
## DRUM & THREADING RING

### DRUM & THREADING RING

No.	Parts No.	SP	Description
201	A-8279-050-A	s	TG-6A ASSY
202	A-8279-049-A	s	RING (A) ASSY, LOADING
203	A-8278-477-B	s	DRIVE ASSY, HC
204	A-8316-539-B	s	HC ASSY (2)
205	A-8312-310-A	s	HEAD DRUM ASSY, DEH-04A-R
206	X-3604-986-1	s	ROLLER ASSY, TG-7 GUIDE
207	X-3604-991-1	s	ROLLER ASSY, TG-6A GUIDE
208	X-3678-746-2	s	ARM ASSY, PINCH ROLLER
209	X-3678-758-2	s	ARM ASSY, S ROLLER
210	X-3678-899-4	s	BASE ASSY, TC
211	X-3678-939-1	o	BASE ASSY, SOL
212	X-3678-945-1	o	ARM ASSY, SOL DRIVE
213	X-3678-953-3	s	STOPPER ASSY, HC BASE
214	1-454-337-21	s	SOLENOID, PLUNGER
215	1-662-908-12	o	PRINTED CIRCUIT BOARD, PTC-84
216	1-810-573-11	s	SENSOR, DEW CONDENSATION
217	1-956-623-12	o	HARNESS, SUB (TH/UNTH)
218	3-953-138-01	s	SPRING, COMPRESSION
219	3-531-576-11	s	RIVET
220	3-603-919-03	s	FLANGE, PRECEDING UPPER
221	3-614-782-01	s	FLANGE, TG-6A, UPPER
222	3-603-932-01	s	SPRING, COMPRESSION
223	3-604-446-01	s	SPRING, PINCH ARM
224	3-614-773-01	s	FLANGE, TG-7 LOWER
225	3-604-564-02	s	ROLLER, RING
226	3-604-644-01	s	GEAR S, PULL
227	3-604-649-01	s	SPRING, S LIMITER
228	X-3604-614-1	s	FLANGE ASSY, GUIDE
229	3-604-790-02	s	GUIDE, TAPE
230	3-614-780-01	s	FLANGE, TG-6A LOWER
231	3-605-805-01	o	SPACER, SOL
232	3-605-807-01	o	ARM, LIMITER SOL
233	3-605-812-01	o	SPRING, SOL ARM
234	3-606-102-02	o	SLIDER, SOL
235	3-642-719-01	o	SPACER (2.6X11)
236	3-657-086-00	o	SPACER (3X20)
237	3-669-465-01	s	WASHER (1.5), STOPPER
238	3-669-596-01	s	WASHER (2.3), STOPPER
239	3-698-829-01	s	NUT (M2)
240	3-701-437-11	s	WASHER, POLY 2MM DIA 0.25T
241	3-701-439-21	s	WASHER, POLY 3MM DIA 0.5T
242	3-701-441-21	s	WASHER, POLY 4MM DIA 0.5T
243	3-608-501-02	s	SUPPORT, GUIDE
244	3-615-210-01	s	SPRING COMPRESSION
245	3-614-783-01	s	NUT, TG-6A
246	3-614-785-01	s	ADJUSTMENT SCREW, M1.4X0.2
247	3-722-156-01	s	SPRING COMPRESSION
248	3-614-786-01	s	ROLLER, RING
249	3-614-787-01	s	SPACER, RING



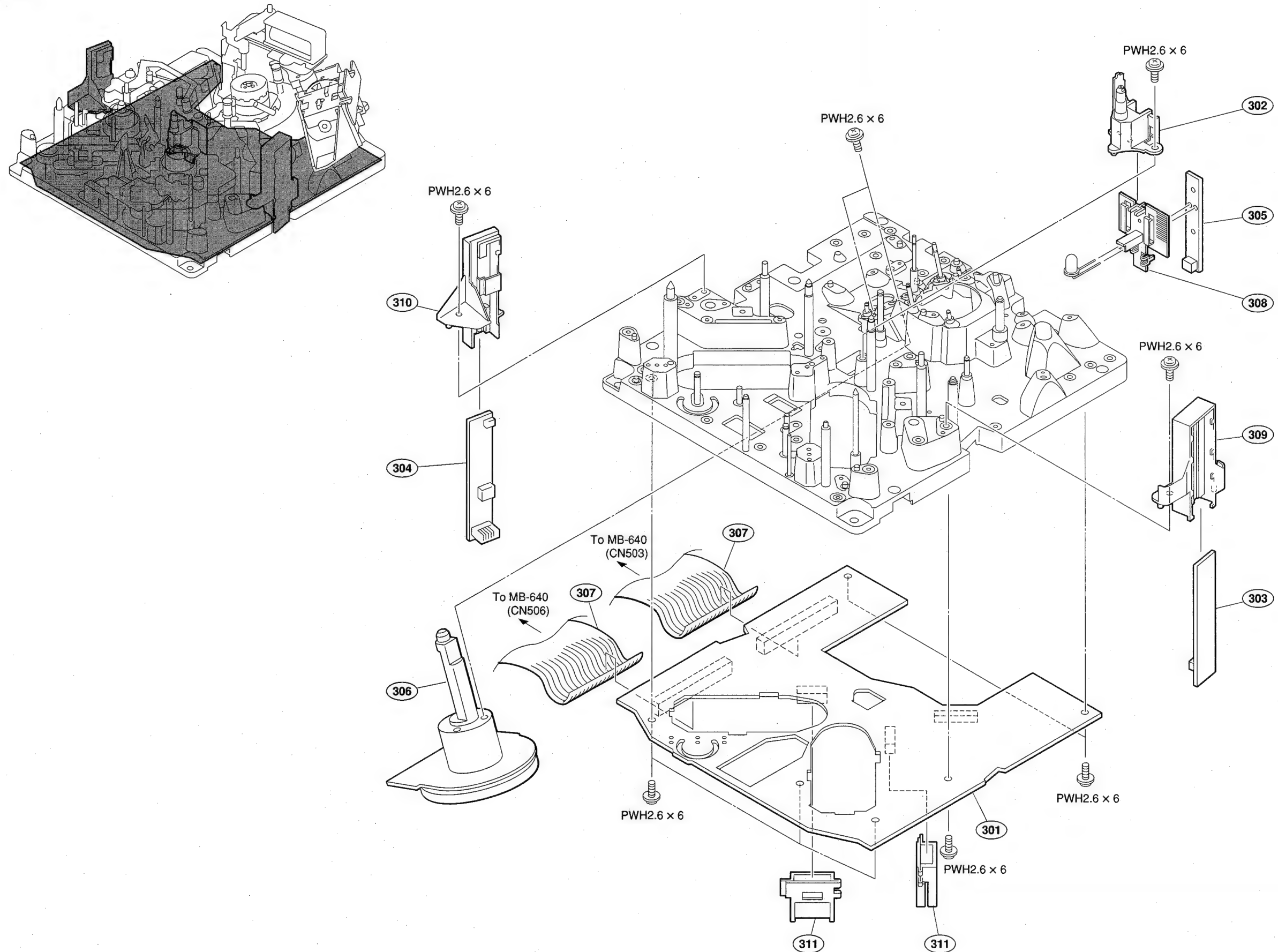
## DRUM & THREADING RING

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# CAPSTAN MOTOR      CAPSTAN MOTOR

## CAPSTAN MOTOR





## CAPSTAN MOTOR

No.	Parts No.	SP	Description
301	A-8312-024-A	o	MOUNTED CIRCUIT BOARD, MS-43
302	X-3678-721-4	s	ASSY, PRISM
303	1-662-909-11	o	PRINTED CIRCUIT BOARD, PTC-85
304	1-662-910-11	o	PRINTED CIRCUIT BOARD, PTC-86
305	1-662-911-11	o	PRINTED CIRCUIT BOARD, PTC-87
306	1-698-881-11	s	MOTOR, DC (CAPSTAN)
307	1-777-537-11	s	WIRE (FLAT TYPE) (36 CORE)
308	3-603-920-03	o	HOLDER, LED
309	3-604-493-02	s	HOLDER, TOP SENSOR
310	3-604-494-03	s	HOLDER, END SENSOR
311	3-604-657-01	s	HOLDER, FLAT CABLE



## ORNAMENTAL PANEL BLOCK

### ORNAMENTAL PANEL BLOCK

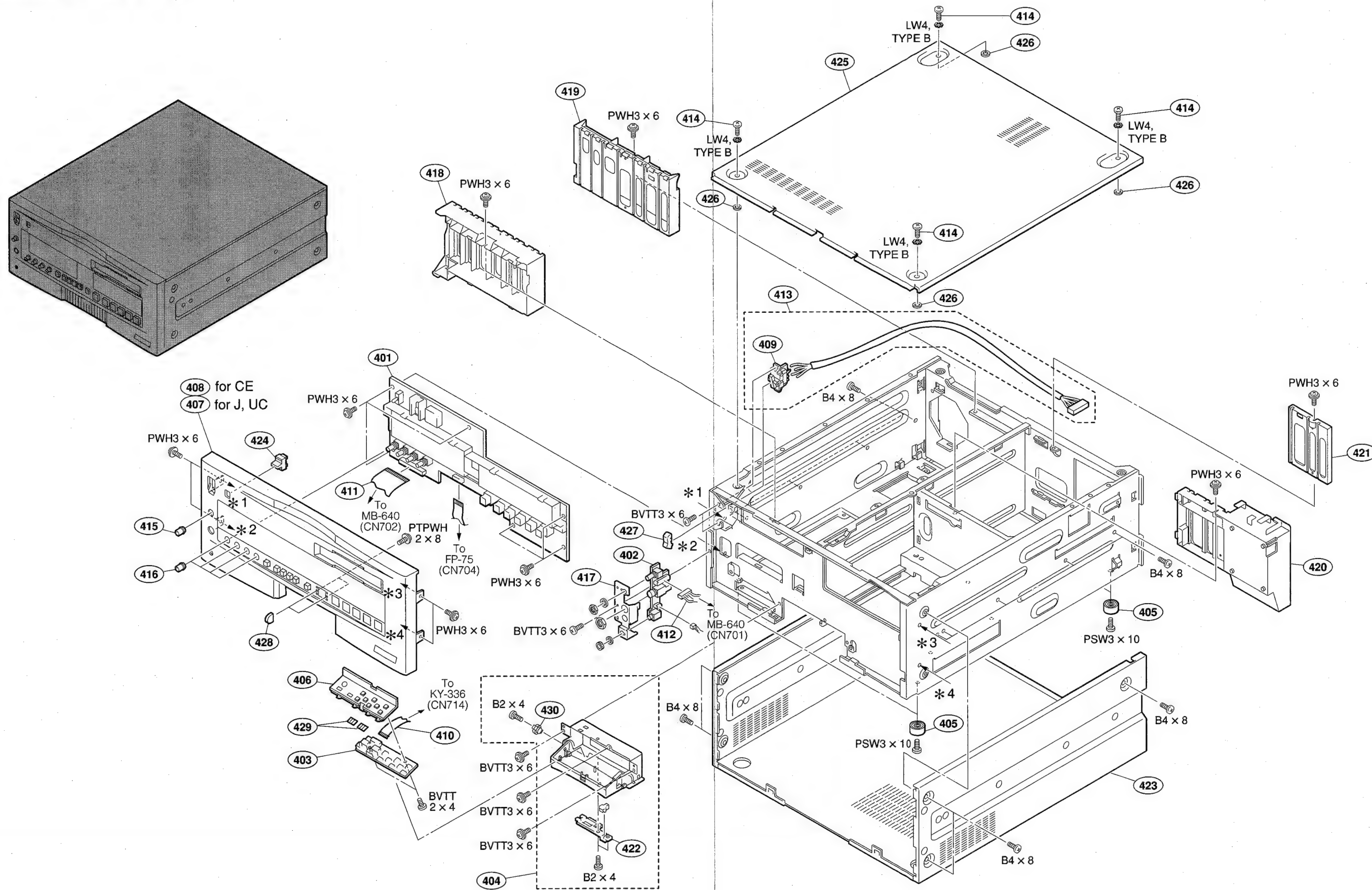
No.	Parts No.	SP	Description
401	A-8277-878-A	o	MOUNTED CIRCUIT BOARD, KY-336
402	A-8277-912-A	o	MOUNTED CIRCUIT BOARD, HP-73
403	A-8277-913-A	o	MOUNTED CIRCUIT BOARD, FP-75
404	A-8311-890-D	o	CASE ASSY, MENU PANEL
405	X-3678-708-3	s	FOOT, ASSY
406	X-3678-922-2	s	KEY ASSY, MENU-PANEL
407	X-3678-929-3	s	PANEL SUB ASSY, FRONT (for J, UC)
408	X-3678-930-3	s	PANEL SUB ASSY, FRONT (for CE)
409	△ 1-570-117-31	s	SWITCH, SEESAW (AC POWER)
410	1-777-531-12	s	WIRE, FLEXIBLE CARD 11P
411	1-777-537-11	s	WIRE (FLAT TYPE) (36 CORE)
412	1-956-618-11	o	HARNESS, SUB (HP-MB)
413	△ 1-956-621-11	s	HARNESS, SUB (AC SW)
414	3-174-264-01	s	SCREW (+) (B4X8) (CU, N1)
415	3-604-557-02	s	KNOB, HP VOL
416	3-604-558-02	s	KNOB, AU VOL
417	3-604-560-01	o	BRACKET, HP
418	3-605-441-01	o	GUIDE A, PCB
419	3-605-442-01	o	GUIDE B, PCB
420	3-605-443-01	o	GUIDE C, PCB
421	3-605-444-01	o	GUIDE D, PCB
422	3-605-529-02	s	HOLDER, MINI-SIDE&FL
423	3-605-629-02	o	CASE, BOTTOM
424	3-605-631-02	s	CAP, SWITCH
425	3-605-632-02	o	PLATE, TOP
426	3-650-537-00	o	WASHER
427	3-688-814-31	s	CAP, SWITCH
428	3-717-380-01	o	GUARD, REC
429	3-717-394-03	o	PLATE (SMALL), ORNAMENTAL
430	3-953-235-21	s	DAMPER, OIL



ORNAMENTAL PANEL BLOCK

ORNAMENTAL PANEL BLOCK

ORNAMENTAL PANEL BLOCK





## CASSETTE COMPARTMENT ASSY & MB BOARD



## CASSETTE COMPARTMENT ASSY & MB BOARD

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### CASSETTE COMPARTMENT ASSY & MB BOARD

No.	Parts No.	SP	Description
501	A-8277-882-B	o	MOUNTED CIRCUIT BOARD, PRE-32
502	A-8318-779-A	o	MOUNTED CIRCUIT BOARD, REC-32
503	A-8277-899-A	o	MOUNTED CIRCUIT BOARD, MB-640
504	A-8278-410-B	s	MOTOR ASSY
505	A-8278-444-B	o	CLAMP ASSY, CASECON
506	A-8278-472-E	o	CLAMP (S) ASSY, PCB
507	A-8278-502-B	o	CLAMP (LA) ASSY, PCB
508	A-8278-503-B	o	CLAMP (LB) ASSY, PCB
509	A-8312-671-A	s	CASSETTE COMPARTMENT ASSY
510	1-777-533-11	s	WIRE (FLAT TYPE) (13 CORE)
511	1-777-535-11	s	WIRE (FLAT TYPE) (34 CORE)
512	1-777-536-11	s	WIRE (FLAT TYPE) (26 CORE)
513	3-605-824-04	o	CASE, BOTTOM
514	3-605-825-02	o	CASE HOLDER, BOTTOM
515	3-608-822-02	o	SHAFT, RM
516	3-608-823-01	o	RUBBER, WASHER



## CARD RACK BLOCK

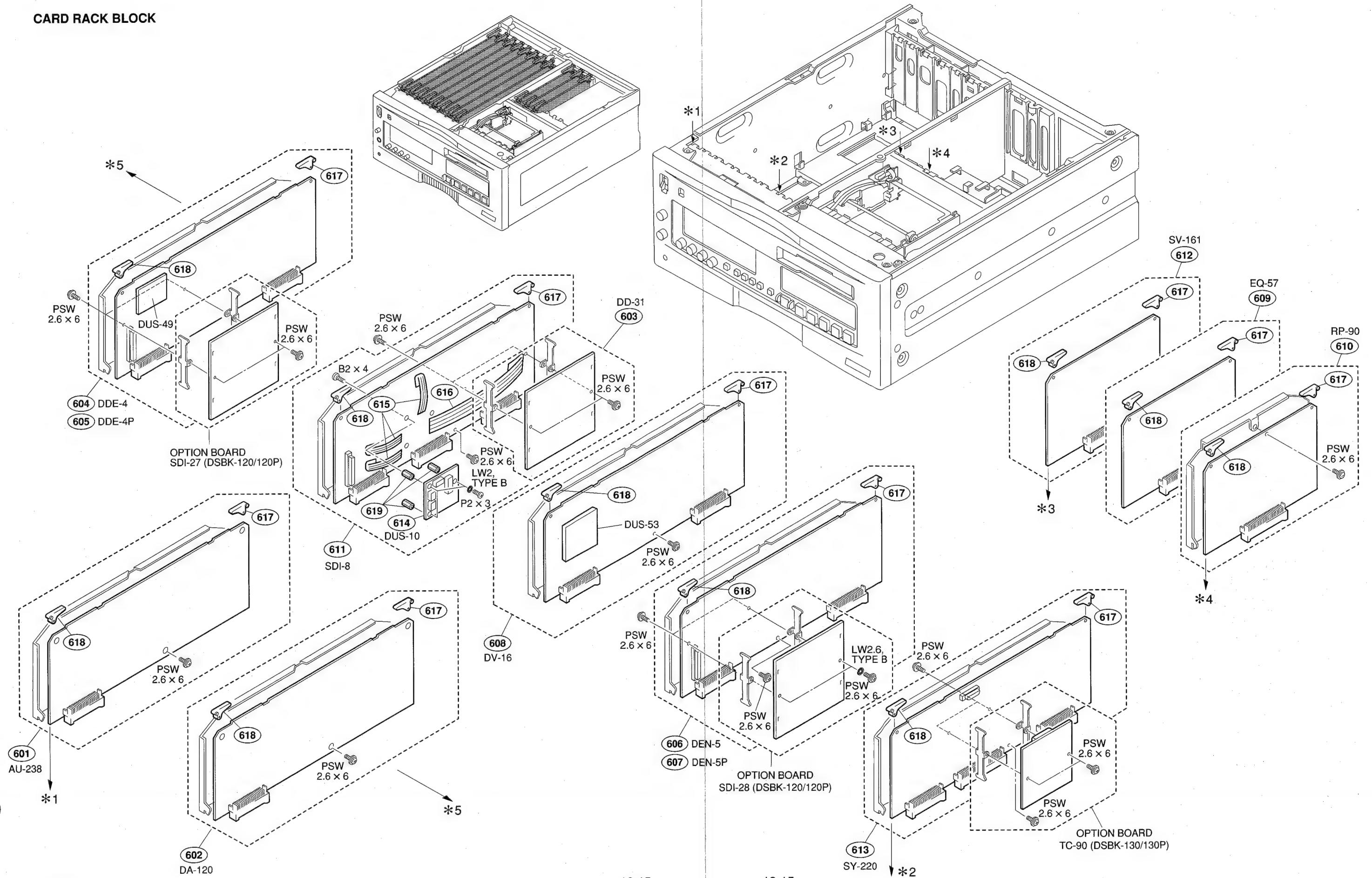
### CARD RACK BLOCK

No.	Parts No.	SP	Description
601	A-8277-856-A	s	MOUNTED CIRCUIT BOARD, AU-238
602	A-8277-862-B	s	MOUNTED CIRCUIT BOARD, DA-120
603	A-8277-864-A	s	MOUNTED CIRCUIT BOARD, DD-31
604	A-8277-866-A	s	MOUNTED CIRCUIT BOARD, DDE-4 (for NTSC)
605	A-8277-868-A	s	MOUNTED CIRCUIT BOARD, DDE-4P (for PAL)
606	A-8277-872-A	s	MOUNTED CIRCUIT BOARD, DEN-5 (for NTSC)
607	A-8277-870-A	s	MOUNTED CIRCUIT BOARD, DEN-5P (for PAL)
608	A-8277-874-A	s	MOUNTED CIRCUIT BOARD, DV-16
609	A-8277-876-B	s	MOUNTED CIRCUIT BOARD, EQ-57
610	A-8277-886-B	s	MOUNTED CIRCUIT BOARD, RP-90
611	A-8277-888-A	s	MOUNTED CIRCUIT BOARD, SDI-8
612	A-8277-894-A	s	MOUNTED CIRCUIT BOARD, SV-161
613	A-8277-896-A	s	MOUNTED CIRCUIT BOARD, SY-220
614	A-8311-695-A	o	MOUNTED CIRCUIT BOARD, DUS-10
615	1-765-131-12	s	CABLE, FLAT (1.0MM) (10 CORE)
616	1-775-421-11	o	CABLE, FLAT (1.0MM) (24 CORE)
617	3-179-084-01	s	LEVER (R), PC BOARD
618	3-179-085-01	s	LEVER (L), PC BOARD
619	3-181-132-01	o	SUPPORT



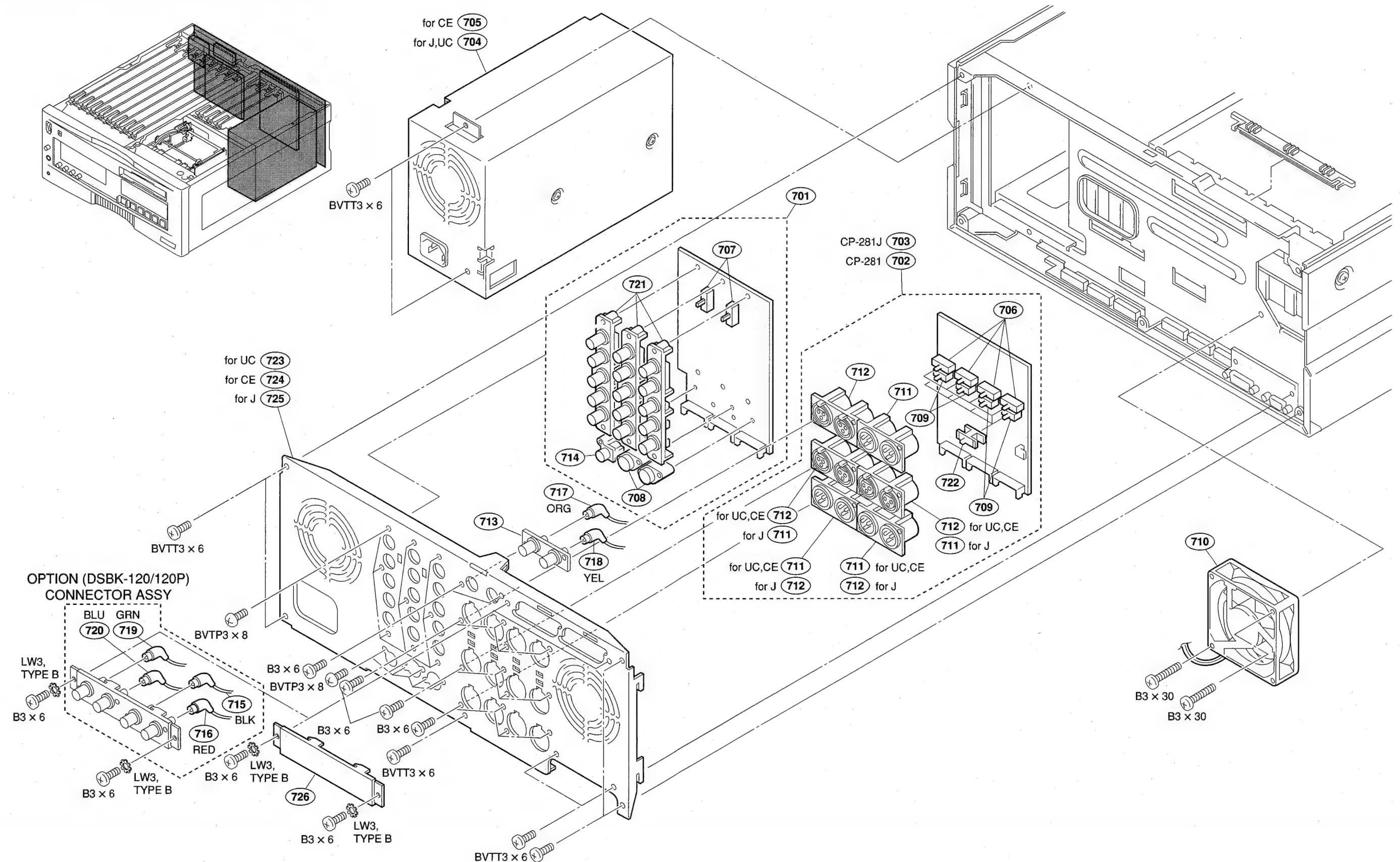
### CARD RACK BLOCK

## CARD RACK BLOCK





SWITCHING REGULATOR & REAR PANEL BLOCK





## SWITCHING REGULATOR & REAR PANEL BLOCK

No.	Parts No.	SP	Description
701	A-8277-857-A	o	MOUNTED CIRCUIT BOARD, CP-276
702	A-8277-860-A	o	MOUNTED CIRCUIT BOARD, CP-281 (for UC, CE)
703	A-8311-078-A	o	MOUNTED CIRCUIT BOARD, CP-281J (for J)
704	△ 1-468-150-11	s	REGULATOR, SWITCHING (for J, UC)
705	△ 1-468-150-21	s	REGULATOR, SWITCHING (for CE)
706	1-570-157-41	s	SWITCH, SLIDE
707	1-570-157-51	s	SWITCH, SLIDE
708	1-573-590-13	s	CONNECTOR, (S) TERMINAL 4P
709	1-692-505-11	s	SWITCH, SLIDE
710	1-698-785-21	s	FAN, D.C. (80 SQUARE)
711	1-750-785-11	s	CONNECTOR (XLR TYPE) 3P
712	1-750-786-11	s	CONNECTOR (XLR TYPE) 3P
713	1-750-881-11	s	CONVERTER, COAXIAL CONNECTOR
714	1-766-596-11	s	JACK, PIN 1P
715	1-777-529-11	s	CABLE ASSY, COAXIAL (BLACK)
716	1-777-529-21	s	CABLE ASSY, COAXIAL (RED)
717	1-777-529-31	s	CABLE ASSY, COAXIAL (ORANGE)
718	1-777-529-41	s	CABLE ASSY, COAXIAL (YELLOW)
719	1-777-529-51	s	CABLE ASSY, COAXIAL (GREEN)
720	1-777-529-61	s	CABLE ASSY, COAXIAL (BLUE)
721	1-778-665-11	s	CONNECTOR, BNC (RECEPTACLE)
722	3-171-450-01	o	ADAPTOR, SW
723	3-605-633-03	o	PANEL, REAR (for UC)
724	3-605-633-13	o	PANEL, REAR (for CE)
725	3-605-633-23	o	PANEL, REAR (for J)
726	3-605-643-02	o	PANEL, BLANK







### 13-3. ELECTRICAL PARTS LIST

AU-238 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-856-A	s MOUNTED CIRCUIT BOARD, AU-238
1pc	7-621-759-45	s +PSW, 2.6x6
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
C100	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C101	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C102	1-104-664-11	s ELECT 47uF 20% 25V
C103	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C104	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C105	1-104-664-11	s ELECT 47uF 20% 25V
C106	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C108	1-104-664-11	s ELECT 47uF 20% 25V
C109	1-104-664-11	s ELECT 47uF 20% 25V
C110	1-104-664-11	s ELECT 47uF 20% 25V
C111	1-104-664-11	s ELECT 47uF 20% 25V
C112	1-126-965-11	s ELECT 22uF 20% 50V
C113	1-126-965-11	s ELECT 22uF 20% 50V
C114	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C115	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C116	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C117	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C118	1-104-664-11	s ELECT 47uF 20% 25V
C119	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C120	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C121	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C122	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C123	1-104-664-11	s ELECT 47uF 20% 25V
C124	1-104-664-11	s ELECT 47uF 20% 25V
C125	1-104-664-11	s ELECT 47uF 20% 25V
C126	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C127	1-104-664-11	s ELECT 47uF 20% 25V
C128	1-104-664-11	s ELECT 47uF 20% 25V
C129	1-104-664-11	s ELECT 47uF 20% 25V
C130	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C131	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C132	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C133	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C134	1-104-664-11	s ELECT 47uF 20% 25V
C135	1-104-664-11	s ELECT 47uF 20% 25V
C136	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C137	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C156	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C200	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C201	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C202	1-104-664-11	s ELECT 47uF 20% 25V
C203	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C204	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C205	1-104-664-11	s ELECT 47uF 20% 25V
C206	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C208	1-104-664-11	s ELECT 47uF 20% 25V
C209	1-104-664-11	s ELECT 47uF 20% 25V
C210	1-104-664-11	s ELECT 47uF 20% 25V
C211	1-104-664-11	s ELECT 47uF 20% 25V
C212	1-126-965-11	s ELECT 22uF 20% 50V
C213	1-126-965-11	s ELECT 22uF 20% 50V
C214	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C215	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C216	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C217	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V

(AU-238 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C218	1-104-664-11	s ELECT 47uF 20% 25V
C219	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C220	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C221	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C222	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C223	1-104-664-11	s ELECT 47uF 20% 25V
C224	1-104-664-11	s ELECT 47uF 20% 25V
C225	1-104-664-11	s ELECT 47uF 20% 25V
C226	1-104-664-11	s ELECT 47uF 20% 25V
C227	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C228	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C236	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C256	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C300	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C301	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C302	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C303	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C304	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C305	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C306	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C308	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C309	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C310	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C312	1-104-664-11	s ELECT 47uF 20% 25V
C313	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C314	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C315	1-126-925-11	s ELECT 470uF 20% 10V
C316	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C317	1-131-377-00	s TANTALUM 10uF 10% 10V
C318	1-131-381-00	s TANTALUM 47uF 10% 10V
C319	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C320	1-131-377-00	s TANTALUM 10uF 10% 10V
C321	1-131-381-00	s TANTALUM 47uF 10% 10V
C322	1-126-925-11	s ELECT 470uF 20% 10V
C323	1-126-934-11	s ELECT 220uF 20% 16V
C324	1-126-925-11	s ELECT 470uF 20% 10V
C325	1-126-934-11	s ELECT 220uF 20% 16V
C326	1-126-925-11	s ELECT 470uF 20% 10V
C327	1-126-934-11	s ELECT 220uF 20% 16V
C328	1-126-925-11	s ELECT 470uF 20% 10V
C329	1-126-934-11	s ELECT 220uF 20% 16V
C330	1-131-360-00	s TANTALUM 15uF 10% 10V
C331	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C332	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C333	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C334	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C335	1-104-664-11	s ELECT 47uF 20% 25V
C336	1-104-664-11	s ELECT 47uF 20% 25V
C337	1-104-664-11	s ELECT 47uF 20% 25V
C338	1-104-664-11	s ELECT 47uF 20% 25V
C339	1-131-381-00	s TANTALUM 47uF 10% 10V
C340	1-131-381-00	s TANTALUM 47uF 10% 10V
C341	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C342	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C343	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C344	1-126-925-11	s ELECT 470uF 20% 10V
C345	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V



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Ref. No. or Q'ty	Part No.	SP Description
C346	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C351	1-109-994-11 s	CERAMIC, CHIP 2.2uF 10% 10V
C352	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C353	1-104-664-11 s	ELECT 47uF 20% 25V
C356	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C400	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C401	1-126-933-11 s	ELECT 100uF 20% 16V
C402	1-164-690-91 s	CERAMIC, CHIP 0.0022uF 5% 50V
C403	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C404	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C405	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C406	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C407	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C408	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C409	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C410	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C411	1-126-965-11 s	ELECT 22uF 20% 50V
C412	1-126-965-11 s	ELECT 22uF 20% 50V
C413	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C414	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C415	1-126-965-11 s	ELECT 22uF 20% 50V
C416	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C417	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C418	1-124-282-00 s	ELECT, NONPOLAR 22uF 20% 25V
C419	1-126-965-11 s	ELECT 22uF 20% 50V
C420	1-124-282-00 s	ELECT, NONPOLAR 22uF 20% 25V
C421	1-104-664-11 s	ELECT 47uF 20% 25V
C422	1-104-664-11 s	ELECT 47uF 20% 25V
C423	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C424	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C425	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C426	1-104-664-11 s	ELECT 47uF 20% 25V
C427	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C460	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C461	1-126-933-11 s	ELECT 100uF 20% 16V
C462	1-164-690-91 s	CERAMIC, CHIP 0.0022uF 5% 50V
C463	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C464	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C465	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C466	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C467	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C468	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C469	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C470	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C471	1-126-965-11 s	ELECT 22uF 20% 50V
C472	1-126-965-11 s	ELECT 22uF 20% 50V
C473	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C474	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C475	1-126-965-11 s	ELECT 22uF 20% 50V
C476	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C477	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C478	1-124-282-00 s	ELECT, NONPOLAR 22uF 20% 25V
C479	1-126-965-11 s	ELECT 22uF 20% 50V
C480	1-124-282-00 s	ELECT, NONPOLAR 22uF 20% 25V
C481	1-104-664-11 s	ELECT 47uF 20% 25V
C482	1-104-664-11 s	ELECT 47uF 20% 25V
C483	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C484	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C485	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C486	1-104-664-11 s	ELECT 47uF 20% 25V
C487	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C520	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C521	1-126-933-11 s	ELECT 100uF 20% 16V
C522	1-164-690-91 s	CERAMIC, CHIP 0.0022uF 5% 50V
C523	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C524	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C525	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C526	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C527	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C528	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C529	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C530	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C531	1-126-965-11 s	ELECT 22uF 20% 50V
C532	1-126-965-11 s	ELECT 22uF 20% 50V
C533	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C534	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C535	1-126-965-11 s	ELECT 22uF 20% 50V
C536	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C537	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C538	1-124-282-00 s	ELECT, NONPOLAR 22uF 20% 25V
C539	1-126-965-11 s	ELECT 22uF 20% 50V
C540	1-124-282-00 s	ELECT, NONPOLAR 22uF 20% 25V
C541	1-104-664-11 s	ELECT 47uF 20% 25V
C542	1-104-664-11 s	ELECT 47uF 20% 25V
C543	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C544	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C545	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C546	1-104-664-11 s	ELECT 47uF 20% 25V
C547	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C580	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C581	1-126-933-11 s	ELECT 100uF 20% 16V
C582	1-164-690-91 s	CERAMIC, CHIP 0.0022uF 5% 50V
C583	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C584	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C585	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C586	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C587	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C588	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C589	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C590	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C591	1-126-965-11 s	ELECT 22uF 20% 50V
C592	1-126-965-11 s	ELECT 22uF 20% 50V
C593	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C594	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C595	1-126-965-11 s	ELECT 22uF 20% 50V
C596	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C597	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C598	1-126-965-11 s	ELECT 22uF 20% 50V
C599	1-124-282-00 s	ELECT, NONPOLAR 22uF 20% 25V
C600	1-124-282-00 s	ELECT, NONPOLAR 22uF 20% 25V
C601	1-104-664-11 s	ELECT 47uF 20% 25V
C602	1-104-664-11 s	ELECT 47uF 20% 25V
C603	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C604	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C605	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C606	1-104-664-11 s	ELECT 47uF 20% 25V
C607	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C608	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V







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Ref. No. or Q'ty	Part No.	SP Description
C905	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C906	1-126-941-11	s ELECT 470uF 20% 25V
C907	1-126-941-11	s ELECT 470uF 20% 25V
C908	1-104-664-11	s ELECT 47uF 20% 25V
C909	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C910	1-104-664-11	s ELECT 47uF 20% 25V
C911	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
CN900	1-506-481-11	s CONNECTOR, 2P, MALE
D400	8-719-820-41	s DIODE 1SS302
D401	8-719-820-41	s DIODE 1SS302
D402	8-719-801-48	s DIODE 1SS193
D450	8-719-801-48	s DIODE 1SS193
D460	8-719-820-41	s DIODE 1SS302
D461	8-719-820-41	s DIODE 1SS302
D500	8-719-801-48	s DIODE 1SS193
D520	8-719-820-41	s DIODE 1SS302
D521	8-719-820-41	s DIODE 1SS302
D580	8-719-801-48	s DIODE 1SS193
D581	8-719-820-41	s DIODE 1SS302
D582	8-719-820-41	s DIODE 1SS302
D600	8-719-820-41	s DIODE 1SS302
D700	8-719-404-35	s DIODE MA141WK
D701	8-719-024-81	s DIODE 1SS300-TE85L
D702	8-719-404-35	s DIODE MA141WK
D703	8-719-024-81	s DIODE 1SS300-TE85L
D704	8-719-404-35	s DIODE MA141WK
D705	8-719-404-35	s DIODE MA141WK
D706	8-719-024-81	s DIODE 1SS300-TE85L
D707	8-719-024-81	s DIODE 1SS300-TE85L
D801	8-719-820-41	s DIODE 1SS302
D803	8-719-041-39	s DIODE KV1470
D850	8-719-820-41	s DIODE 1SS302
D851	8-719-041-39	s DIODE KV1470
E100	1-535-881-21	o TERMINAL, TP
E300	1-535-881-21	o TERMINAL, TP
E700	1-535-881-21	o TERMINAL, TP
FB300	1-414-445-11	s CHOKE, NOISE, CHIP
FB301	1-414-445-11	s CHOKE, NOISE, CHIP
FB302	1-414-445-11	s CHOKE, NOISE, CHIP
FB303	1-414-445-11	s CHOKE, NOISE, CHIP
FB304	1-414-445-11	s CHOKE, NOISE, CHIP
FB800	1-414-445-11	s CHOKE, NOISE, CHIP
FB801	1-414-445-11	s CHOKE, NOISE, CHIP
FB850	1-414-445-11	s CHOKE, NOISE, CHIP
FB851	1-414-445-11	s CHOKE, NOISE, CHIP
FL400	1-239-601-31	s FILTER, NOISE
FL401	1-239-601-31	s FILTER, NOISE
FL460	1-239-601-31	s FILTER, NOISE
FL461	1-239-601-31	s FILTER, NOISE
FL520	1-239-601-31	s FILTER, NOISE
FL521	1-239-601-31	s FILTER, NOISE
FL580	1-239-601-31	s FILTER, NOISE
FL581	1-239-601-31	s FILTER, NOISE
FL654	1-239-601-31	s FILTER, NOISE
FL655	1-239-601-31	s FILTER, NOISE
FL656	1-239-601-31	s FILTER, NOISE
FL700	1-233-313-31	s FILTER, NOISE

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Ref. No. or Q'ty	Part No.	SP Description
FL701	1-233-313-31	s FILTER, NOISE
FL800	1-233-313-31	s FILTER, NOISE
FL801	1-233-313-31	s FILTER, NOISE
FL850	1-233-313-31	s FILTER, NOISE
FL851	1-233-313-31	s FILTER, NOISE
IC100	8-759-106-02	s IC UPC4570G2
IC101	8-759-106-02	s IC UPC4570G2
IC102	8-759-357-73	s IC TL32088CNS-E20
IC103	8-759-357-74	s IC TLC320AD58CDWR
IC104	8-759-512-51	s IC RH5RE50AA
IC105	8-759-512-51	s IC RH5RE50AA
IC200	8-759-106-02	s IC UPC4570G2
IC201	8-759-106-02	s IC UPC4570G2
IC202	8-759-357-73	s IC TL32088CNS-E20
IC203	8-759-357-74	s IC TLC320AD58CDWR
IC301	8-759-326-71	s IC CXD8517Q
IC302	8-759-326-71	s IC CXD8517Q
IC303	8-759-348-81	s IC SM5843AS1-E2
IC304	8-759-348-81	s IC SM5843AS1-E2
IC305	8-759-512-51	s IC RH5RE50AA
IC306	8-759-178-40	s IC PCM69AU-K-T1
IC307	8-759-178-40	s IC PCM69AU-K-T1
IC308	8-759-491-47	s IC TC74VHCT08AFT(EL)
IC309	8-759-491-47	s IC TC74VHCT08AFT(EL)
IC310	8-759-635-83	s IC M51957BFP
IC311	8-752-360-44	s IC CXK1203AR
IC312	8-759-523-95	s IC TC74VHC74FT(EL)
IC313	8-759-635-83	s IC M51957BFP
IC314	8-759-271-86	s IC TC7SH04FU
IC315	8-759-196-97	s IC TC7SH32FU-TE85R
IC316	8-759-196-97	s IC TC7SH32FU-TE85R
IC321	8-759-902-88	s IC SN74LS123NS
IC322	8-759-050-92	s IC SN74HC164APW-E05
IC323	8-759-049-58	s IC SN74HC04APW-E05
IC324	8-759-049-56	s IC SN74HC02APW-E05
IC326	8-759-050-92	s IC SN74HC164APW-E05
IC400	8-759-700-94	s IC NJM5532M
IC401	8-759-106-02	s IC UPC4570G2
IC402	8-759-106-02	s IC UPC4570G2
IC403	8-759-106-02	s IC UPC4570G2
IC404	8-759-521-14	s IC NJM5532S-D
IC405	8-759-106-02	s IC UPC4570G2
IC460	8-759-700-94	s IC NJM5532M
IC461	8-759-106-02	s IC UPC4570G2
IC462	8-759-106-02	s IC UPC4570G2
IC463	8-759-106-02	s IC UPC4570G2
IC464	8-759-521-14	s IC NJM5532S-D
IC465	8-759-106-02	s IC UPC4570G2
IC520	8-759-700-94	s IC NJM5532M
IC521	8-759-106-02	s IC UPC4570G2
IC522	8-759-106-02	s IC UPC4570G2
IC523	8-759-106-02	s IC UPC4570G2
IC524	8-759-521-14	s IC NJM5532S-D
IC525	8-759-106-02	s IC UPC4570G2
IC580	8-759-700-94	s IC NJM5532M
IC581	8-759-106-02	s IC UPC4570G2
IC582	8-759-106-02	s IC UPC4570G2
IC583	8-759-106-02	s IC UPC4570G2
IC584	8-759-521-14	s IC NJM5532S-D



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Ref. No. or Q'ty	Part No.	SP Description
IC585	8-759-106-02	s IC UPC4570G2
IC650	8-759-009-07	s IC MC14053BF
IC651	8-759-009-06	s IC MC14052BF
IC652	8-759-106-02	s IC UPC4570G2
IC653	8-759-106-02	s IC UPC4570G2
IC654	8-759-145-57	s IC UPC4557C
IC700	8-759-926-49	s IC SN74HC245ANS
IC701	8-759-926-49	s IC SN74HC245ANS
IC702	8-759-387-75	s IC TC7W00F(TE12R)
IC703	8-759-479-32	s IC SN75C1168NS-E05
IC704	8-759-926-12	s IC SN74HC139ANS
IC705	8-759-049-83	s IC SN74HC573BPW-E20
IC708	8-759-062-88	s IC CXD8277Q
IC709	8-759-062-88	s IC CXD8277Q
IC710	8-759-180-84	s IC TC7W74F
IC711	8-759-069-38	s IC CXD8278AQ
IC712	8-759-069-38	s IC CXD8278AQ
IC713	8-759-295-09	s IC TLC2932IPW-E20
IC714	8-759-295-09	s IC TLC2932IPW-E20
IC715	8-759-186-69	s IC TC74VHC367F(EL)
IC716	8-759-186-69	s IC TC74VHC367F(EL)
IC800	8-759-186-77	s IC TC74VHC541F
IC801	8-759-491-33	s IC TC74VHCT08AF(EL)
IC803	8-759-362-16	s IC CXD2913AQ
IC804	8-759-906-53	s IC TL062CPS
IC805	8-759-172-41	s IC L78M09T-TL
IC806	8-759-196-97	s IC TC7SH32FU-TE85R
IC807	8-759-196-97	s IC TC7SH32FU-TE85R
IC808	8-759-196-97	s IC TC7SH32FU-TE85R
IC811	8-759-196-97	s IC TC7SH32FU-TE85R
IC850	8-759-186-69	s IC TC74VHC367F(EL)
IC851	8-759-491-41	s IC TC74VHCT541AF(EL)
IC853	8-759-362-16	s IC CXD2913AQ
IC854	8-759-906-53	s IC TL062CPS
IC855	8-759-172-41	s IC L78M09T-TL
IC856	8-759-196-97	s IC TC7SH32FU-TE85R
IC900	8-759-172-41	s IC L78M09T-TL
IC901	8-759-173-37	s IC L79M09T-TL
L301	1-410-470-11	s INDUCTOR 10uH
L302	1-410-470-11	s INDUCTOR 10uH
L700	1-410-470-11	s INDUCTOR 10uH
L701	1-410-470-11	s INDUCTOR 10uH
L702	1-410-470-11	s INDUCTOR 10uH
L703	1-410-470-11	s INDUCTOR 10uH
L704	1-410-470-11	s INDUCTOR 10uH
L705	1-410-470-11	s INDUCTOR 10uH
L706	1-410-470-11	s INDUCTOR 10uH
L800	1-410-470-11	s INDUCTOR 10uH
L801	1-410-470-11	s INDUCTOR 10uH
L802	1-410-470-11	s INDUCTOR 10uH
L803	1-410-470-11	s INDUCTOR 10uH
L804	1-410-470-11	s INDUCTOR 10uH
L850	1-410-470-11	s INDUCTOR 10uH
L851	1-410-470-11	s INDUCTOR 10uH
L852	1-410-470-11	s INDUCTOR 10uH
L853	1-410-470-11	s INDUCTOR 10uH
L854	1-410-470-11	s INDUCTOR 10uH
L900	1-412-533-21	s INDUCTOR 47uH

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Ref. No. or Q'ty	Part No.	SP Description
L901	1-412-533-21	s INDUCTOR 47uH
L902	1-412-533-21	s INDUCTOR 47uH
L903	1-412-533-21	s INDUCTOR 47uH
L904	1-412-533-21	s INDUCTOR 47uH
L905	1-412-533-21	s INDUCTOR 47uH
L906	1-412-533-21	s INDUCTOR 47uH
LV801	1-411-984-11	s COIL, VAR, CHIP
LV850	1-411-984-11	s COIL, VAR, CHIP
PS900	△ 1-532-984-11	s LINK, IC 2A
PS901	△ 1-532-984-11	s LINK, IC 2A
PS902	△ 1-532-984-11	s LINK, IC 2A
PS903	△ 1-532-984-11	s LINK, IC 2A
PS904	△ 1-532-675-21	s LINK, IC 1.5A
PS905	△ 1-532-984-11	s LINK, IC 2A
PS906	△ 1-532-984-11	s LINK, IC 2A
Q101	8-729-202-38	s TRANSISTOR 2SC3326N
Q102	8-729-202-38	s TRANSISTOR 2SC3326N
Q103	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q104	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q105	8-729-202-38	s TRANSISTOR 2SC3326N
Q106	8-729-202-38	s TRANSISTOR 2SC3326N
Q107	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q108	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q201	8-729-202-38	s TRANSISTOR 2SC3326N
Q202	8-729-202-38	s TRANSISTOR 2SC3326N
Q203	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q204	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q205	8-729-202-38	s TRANSISTOR 2SC3326N
Q206	8-729-202-38	s TRANSISTOR 2SC3326N
Q207	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q208	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q209	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q210	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q301	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q400	8-729-027-38	s TRANSISTOR DTA144EKA-T146
Q401	8-729-027-38	s TRANSISTOR DTA144EKA-T146
Q402	8-729-202-38	s TRANSISTOR 2SC3326N
Q403	8-729-202-38	s TRANSISTOR 2SC3326N
Q404	8-729-202-38	s TRANSISTOR 2SC3326N
Q460	8-729-027-38	s TRANSISTOR DTA144EKA-T146
Q461	8-729-027-38	s TRANSISTOR DTA144EKA-T146
Q462	8-729-202-38	s TRANSISTOR 2SC3326N
Q463	8-729-202-38	s TRANSISTOR 2SC3326N
Q464	8-729-202-38	s TRANSISTOR 2SC3326N
Q520	8-729-027-38	s TRANSISTOR DTA144EKA-T146
Q521	8-729-027-38	s TRANSISTOR DTA144EKA-T146
Q522	8-729-202-38	s TRANSISTOR 2SC3326N
Q523	8-729-202-38	s TRANSISTOR 2SC3326N
Q524	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q525	8-729-202-38	s TRANSISTOR 2SC3326N
Q580	8-729-027-38	s TRANSISTOR DTA144EKA-T146
Q581	8-729-027-38	s TRANSISTOR DTA144EKA-T146
Q582	8-729-202-38	s TRANSISTOR 2SC3326N
Q583	8-729-202-38	s TRANSISTOR 2SC3326N
Q584	8-729-202-38	s TRANSISTOR 2SC3326N
Q650	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q651	8-729-029-14	s TRANSISTOR DTC144EUA-T106



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Ref. No. or Q'ty	Part No.	SP Description
Q652	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q653	8-729-202-38	s TRANSISTOR 2SC3326N
Q654	8-729-202-38	s TRANSISTOR 2SC3326N
Q655	8-729-202-38	s TRANSISTOR 2SC3326N
Q656	8-729-202-38	s TRANSISTOR 2SC3326N
Q657	8-729-202-38	s TRANSISTOR 2SC3326N
Q658	8-729-028-73	s TRANSISTOR DTA114EUA-T106
Q659	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q660	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q661	8-729-028-91	s TRANSISTOR DTA144EUA-T106
R100	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R101	1-216-657-11	s METAL, CHIP 1.8k 0.5% 1/10W
R102	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R103	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R104	1-216-669-11	s METAL, CHIP 5.6k 0.5% 1/10W
R105	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R106	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R107	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R108	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R109	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R110	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R111	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R112	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R113	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R114	1-216-668-11	s METAL, CHIP 5.1k 0.5% 1/10W
R115	1-216-668-11	s METAL, CHIP 5.1k 0.5% 1/10W
R116	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R117	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R118	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R119	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R120	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R121	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R122	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R123	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R124	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R125	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R126	1-216-685-11	s METAL, CHIP 27k 0.5% 1/10W
R127	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R128	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R129	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R130	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R131	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R132	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R133	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R134	1-216-657-11	s METAL, CHIP 1.8k 0.5% 1/10W
R135	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R136	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R137	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R138	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R139	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R140	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R141	1-216-669-11	s METAL, CHIP 5.6k 0.5% 1/10W
R142	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R143	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R144	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R145	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R146	1-216-685-11	s METAL, CHIP 27k 0.5% 1/10W
R147	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R148	1-216-049-91	s METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R149	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R150	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R151	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R152	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R153	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R154	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R155	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R200	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R201	1-216-657-11	s METAL, CHIP 1.8k 0.5% 1/10W
R202	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R203	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R204	1-216-669-11	s METAL, CHIP 5.6k 0.5% 1/10W
R205	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R206	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R207	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R208	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R209	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R210	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R211	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R212	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R213	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R214	1-216-668-11	s METAL, CHIP 5.1k 0.5% 1/10W
R215	1-216-668-11	s METAL, CHIP 5.1k 0.5% 1/10W
R216	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R217	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R218	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R219	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R220	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R221	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R222	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R223	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R224	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R225	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R226	1-216-685-11	s METAL, CHIP 27k 0.5% 1/10W
R227	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R228	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R229	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R230	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R231	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R232	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R233	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R234	1-216-657-11	s METAL, CHIP 1.8k 0.5% 1/10W
R235	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R236	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R237	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R238	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R239	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R240	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R241	1-216-669-11	s METAL, CHIP 5.6k 0.5% 1/10W
R242	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R243	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R244	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R245	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R246	1-216-685-11	s METAL, CHIP 27k 0.5% 1/10W
R247	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R248	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R249	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R250	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R251	1-216-073-00	s METAL, CHIP 10k 5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R252	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R253	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R254	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R255	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R256	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R257	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R258	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R259	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R260	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R261	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R300	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R301	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R302	1-216-691-11	s METAL, CHIP 47k 0.5% 1/10W
R303	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R304	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R305	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R306	1-216-691-11	s METAL, CHIP 47k 0.5% 1/10W
R307	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R308	1-216-679-11	s METAL, CHIP 15k 0.5% 1/10W
R309	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R310	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R314	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R315	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R318	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R319	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R320	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R321	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R322	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R323	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R324	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R325	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R327	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R329	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R331	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R341	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R343	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R345	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R347	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R348	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R349	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R350	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R351	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R353	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R361	1-216-683-11	s METAL, CHIP 22k 0.5% 1/10W
R362	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R363	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R365	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R366	1-218-760-11	s METAL, CHIP 220k 0.50% 1/10W
R400	1-216-666-11	s METAL, CHIP 4.3k 0.5% 1/10W
R401	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R402	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R403	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R404	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R405	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R406	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R407	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R408	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R409	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R410	1-216-049-91	s METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R411	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R412	1-216-657-11	s METAL, CHIP 1.8k 0.5% 1/10W
R413	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R414	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R415	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R416	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R417	1-216-691-11	s METAL, CHIP 47k 0.5% 1/10W
R418	1-216-687-11	s METAL, CHIP 33k 0.5% 1/10W
R419	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R420	1-216-687-11	s METAL, CHIP 33k 0.5% 1/10W
R421	1-216-693-11	s METAL, CHIP 56k 0.5% 1/10W
R422	1-216-679-11	s METAL, CHIP 15k 0.5% 1/10W
R423	1-216-685-11	s METAL, CHIP 27k 0.5% 1/10W
R424	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R425	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R426	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R427	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R428	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R429	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R430	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R431	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R432	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R433	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R434	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R435	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R436	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R437	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R438	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R439	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R440	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R441	1-216-699-11	s METAL, CHIP 100k 0.5% 1/10W
R442	1-216-699-11	s METAL, CHIP 100k 0.5% 1/10W
R443	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R444	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R445	1-220-242-11	s METAL, CHIP 22 5% 1/4W
R446	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R447	1-220-242-11	s METAL, CHIP 22 5% 1/4W
R448	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R449	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R450	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R451	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R452	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R460	1-216-666-11	s METAL, CHIP 4.3k 0.5% 1/10W
R461	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R462	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R463	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R464	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R467	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R468	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R469	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R470	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R471	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R472	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R473	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R474	1-216-657-11	s METAL, CHIP 1.8k 0.5% 1/10W
R475	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R476	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R477	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R478	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R479	1-216-691-11	s METAL, CHIP 47k 0.5% 1/10W
R480	1-216-687-11	s METAL, CHIP 33k 0.5% 1/10W
R481	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R482	1-216-687-11	s METAL, CHIP 33k 0.5% 1/10W
R483	1-216-693-11	s METAL, CHIP 56k 0.5% 1/10W
R484	1-216-679-11	s METAL, CHIP 15k 0.5% 1/10W
R485	1-216-685-11	s METAL, CHIP 27k 0.5% 1/10W
R486	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R487	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R488	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R489	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R490	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R491	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R492	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R493	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R494	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R495	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R496	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R497	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R498	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R499	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R500	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R501	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R502	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R503	1-216-699-11	s METAL, CHIP 100k 0.5% 1/10W
R504	1-216-699-11	s METAL, CHIP 100k 0.5% 1/10W
R505	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R506	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R507	1-220-242-11	s METAL, CHIP 22 5% 1/4W
R508	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R509	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R510	1-220-242-11	s METAL, CHIP 22 5% 1/4W
R511	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R512	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R513	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R514	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R520	1-216-666-11	s METAL, CHIP 4.3k 0.5% 1/10W
R521	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R522	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R523	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R524	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R525	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R526	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R527	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R528	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R529	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R530	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R531	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R532	1-216-657-11	s METAL, CHIP 1.8k 0.5% 1/10W
R533	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R534	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R535	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R536	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R537	1-216-691-11	s METAL, CHIP 47k 0.5% 1/10W
R538	1-216-687-11	s METAL, CHIP 33k 0.5% 1/10W
R539	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R540	1-216-687-11	s METAL, CHIP 33k 0.5% 1/10W
R541	1-216-693-11	s METAL, CHIP 56k 0.5% 1/10W
R542	1-216-679-11	s METAL, CHIP 15k 0.5% 1/10W

## (AU-238 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R543	1-216-685-11	s METAL, CHIP 27k 0.5% 1/10W
R544	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R545	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R546	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R547	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R548	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R549	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R550	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R551	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R552	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R553	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R554	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R555	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R556	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R557	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R558	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R559	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R560	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R561	1-216-699-11	s METAL, CHIP 100k 0.5% 1/10W
R562	1-216-699-11	s METAL, CHIP 100k 0.5% 1/10W
R563	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R564	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R565	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R566	1-220-242-11	s METAL, CHIP 22 5% 1/4W
R567	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R568	1-220-242-11	s METAL, CHIP 22 5% 1/4W
R569	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R570	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R571	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R572	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R573	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R580	1-216-666-11	s METAL, CHIP 4.3k 0.5% 1/10W
R581	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R582	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R583	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R584	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R585	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R586	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R587	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R588	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R589	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R590	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R591	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R592	1-216-657-11	s METAL, CHIP 1.8k 0.5% 1/10W
R593	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R594	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R595	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R596	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R597	1-216-691-11	s METAL, CHIP 47k 0.5% 1/10W
R598	1-216-687-11	s METAL, CHIP 33k 0.5% 1/10W
R599	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R600	1-216-687-11	s METAL, CHIP 33k 0.5% 1/10W
R601	1-216-693-11	s METAL, CHIP 56k 0.5% 1/10W
R602	1-216-679-11	s METAL, CHIP 15k 0.5% 1/10W
R603	1-216-685-11	s METAL, CHIP 27k 0.5% 1/10W
R604	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R605	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R606	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R607	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W



## (AU-238 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R608	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R609	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R610	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R611	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R612	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R613	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R614	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R615	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R616	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R617	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R618	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R619	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R620	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R621	1-216-699-11 s	METAL, CHIP 100k 0.5% 1/10W
R622	1-216-699-11 s	METAL, CHIP 100k 0.5% 1/10W
R623	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R624	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R625	1-220-242-11 s	METAL, CHIP 22 5% 1/4W
R626	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R627	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R628	1-220-242-11 s	METAL, CHIP 22 5% 1/4W
R629	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R630	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R631	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R632	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R650	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R651	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R652	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R653	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R654	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R656	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R657	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R658	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R659	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R660	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R661	1-216-666-11 s	METAL, CHIP 4.3k 0.5% 1/10W
R662	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R664	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R665	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R666	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R667	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R668	1-216-673-11 s	METAL, CHIP 8.2k 0.5% 1/10W
R669	1-216-689-11 s	METAL, CHIP 39k 0.5% 1/10W
R670	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R671	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R672	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R673	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R674	1-216-687-11 s	METAL, CHIP 33k 0.5% 1/10W
R676	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R678	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R679	1-216-673-11 s	METAL, CHIP 8.2k 0.5% 1/10W
R680	1-216-689-11 s	METAL, CHIP 39k 0.5% 1/10W
R681	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R682	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R683	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R684	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R685	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R686	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R701	1-216-001-00 s	METAL, CHIP 10 5% 1/10W

## (AU-238 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R702	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R703	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R704	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R705	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R707	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R708	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R709	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R712	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R713	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R716	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R717	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R720	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R721	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R723	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R729	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R741	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R742	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R743	1-216-679-11 s	METAL, CHIP 15k 0.5% 1/10W
R748	1-216-657-11 s	METAL, CHIP 1.8k 0.5% 1/10W
R749	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R754	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R755	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R756	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R757	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R769	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R770	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R771	1-216-679-11 s	METAL, CHIP 15k 0.5% 1/10W
R776	1-216-657-11 s	METAL, CHIP 1.8k 0.5% 1/10W
R777	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R782	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R783	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R784	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R785	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R786	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R787	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R788	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R800	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R804	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R805	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R806	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R807	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R808	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R809	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R810	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R811	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R813	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R814	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R816	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R817	1-216-091-00 s	METAL, CHIP 56k 5% 1/10W
R818	1-216-083-00 s	METAL, CHIP 27k 5% 1/10W
R819	1-216-083-00 s	METAL, CHIP 27k 5% 1/10W
R820	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R821	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R822	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R823	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R824	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R825	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R826	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R828	1-216-061-00 s	METAL, CHIP 3.3k 5% 1/10W



## (AU-238 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R829	1-216-061-00	s METAL, CHIP 3.3k 5% 1/10W
R830	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R831	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R832	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R833	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R834	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R835	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R836	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R838	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R839	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R840	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R841	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R850	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R860	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R861	1-216-091-00	s METAL, CHIP 56k 5% 1/10W
R862	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R863	1-216-083-00	s METAL, CHIP 27k 5% 1/10W
R864	1-216-083-00	s METAL, CHIP 27k 5% 1/10W
R865	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R866	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R867	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R868	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R869	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R871	1-216-061-00	s METAL, CHIP 3.3k 5% 1/10W
R872	1-216-061-00	s METAL, CHIP 3.3k 5% 1/10W
R873	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R874	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R875	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R876	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
RB300	1-233-237-11	s RESISTOR BLOCK, CHIP 100k x 4
RB301	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB302	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB303	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB304	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB305	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB700	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB701	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB702	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB703	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB704	1-233-448-11	s RESISTOR BLOCK, CHIP 22 x 4
RB705	1-233-448-11	s RESISTOR BLOCK, CHIP 22 x 4
RB800	1-233-448-11	s RESISTOR BLOCK, CHIP 22 x 4
RB801	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB850	1-233-448-11	s RESISTOR BLOCK, CHIP 22 x 4
RV400	1-241-264-11	s RES, ADJ, METAL 10k
RV460	1-241-264-11	s RES, ADJ, METAL 10k
RV520	1-241-264-11	s RES, ADJ, METAL 10k
RV580	1-241-264-11	s RES, ADJ, METAL 10k
RY400	1-515-716-11	s RELAY (TQ2-5V)
RY460	1-515-716-11	s RELAY (TQ2-5V)
RY520	1-515-716-11	s RELAY (TQ2-5V)
RY580	1-515-716-11	s RELAY (TQ2-5V)
S400	1-692-023-21	s SWITCH, DIP, CHIP 2-CKT
S460	1-692-023-21	s SWITCH, DIP, CHIP 2-CKT
S520	1-692-023-21	s SWITCH, DIP, CHIP 2-CKT
S580	1-692-023-21	s SWITCH, DIP, CHIP 2-CKT

## CC-75 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
C1	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
CN50	1-562-708-11	o CONNECTOR, FPC 13P, FEMALE
CN51	1-580-472-11	s CONNECTOR, FPC 5P
CN52	1-564-001-11	o CONNECTOR, 2P, MALE
PH1	8-719-991-24	s PHOTO TRANSISTOR GP1S23
PH2	8-719-991-24	s PHOTO TRANSISTOR GP1S23
PH3	8-719-991-24	s PHOTO TRANSISTOR GP1S23
R1	1-216-031-00	s METAL, CHIP 180 5% 1/10W
R2	1-216-031-00	s METAL, CHIP 180 5% 1/10W
R3	1-216-031-00	s METAL, CHIP 180 5% 1/10W

## CC-76 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
CN53	1-750-248-21	o CONNECTOR, FPC 5P
PH1	8-719-948-58	s PHOTO SENSOR GP2S07B
PH2	8-719-948-58	s PHOTO SENSOR GP2S07B
PH3	8-719-948-58	s PHOTO SENSOR GP2S07B
R1	1-216-031-00	s METAL, CHIP 180 5% 1/10W
R2	1-216-031-00	s METAL, CHIP 180 5% 1/10W
R3	1-216-031-00	s METAL, CHIP 180 5% 1/10W



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CP-276 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-857-A	o MOUNTED CIRCUIT BOARD, CP-276
C1	1-126-933-11	s ELECT 100uF 20% 16V
C2	1-126-933-11	s ELECT 100uF 20% 16V
C3	1-126-964-11	s ELECT 10uF 20% 50V
C4	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C5	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C6	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C7	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C8	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
CN1	1-778-665-11	s CONNECTOR, BNC, FEMALE
CN2	1-778-665-11	s CONNECTOR, BNC, FEMALE
CN3	1-778-665-11	s CONNECTOR, BNC, FEMALE
CN4	1-766-596-11	s JACK, PIN 1P, FEMALE
CN5	1-573-590-13	s CONNECTOR, CIRCULAR 4P(S), FEMALE
CN6	1-573-590-13	s CONNECTOR, CIRCULAR 4P(S), FEMALE
CN601	1-766-790-11	o CONNECTOR, BOARD TO BOARD 12P
CN602	1-766-790-11	o CONNECTOR, BOARD TO BOARD 12P
CN603	1-766-790-11	o CONNECTOR, BOARD TO BOARD 12P
FL1	1-236-129-11	s FILTER, NOISE
FL2	1-236-058-11	s COMPOSITION CIRCUIT BLOCK
FL3	1-236-058-11	s COMPOSITION CIRCUIT BLOCK
FL4	1-236-129-11	s FILTER, NOISE
FL5	1-236-058-11	s COMPOSITION CIRCUIT BLOCK
FL6	1-236-129-11	s FILTER, NOISE
FL7	1-236-129-11	s FILTER, NOISE
FL8	1-236-129-11	s FILTER, NOISE
FL9	1-236-129-11	s FILTER, NOISE
FL10	1-236-129-11	s FILTER, NOISE
FL11	1-236-058-11	s COMPOSITION CIRCUIT BLOCK
FL12	1-236-129-11	s FILTER, NOISE
FL13	1-236-129-11	s FILTER, NOISE
FL14	1-236-129-11	s FILTER, NOISE
FL15	1-236-129-11	s FILTER, NOISE
FL16	1-236-129-11	s FILTER, NOISE
Q1	8-729-117-32	s TRANSISTOR 2SC4177
Q2	8-729-907-46	s TRANSISTOR IMZ1
Q3	8-729-904-41	s TRANSISTOR FMY3
R1	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R2	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R3	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R4	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R5	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R6	1-216-077-00	s METAL, CHIP 15k 5% 1/10W
R7	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R8	1-216-077-00	s METAL, CHIP 15k 5% 1/10W
R9	1-216-009-91	s METAL, CHIP 22 5% 1/10W
R10	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R11	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R12	1-216-069-00	s METAL, CHIP 6.8k 5% 1/10W
R13	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R14	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R15	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R16	1-216-079-00	s METAL, CHIP 18k 5% 1/10W
R17	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R18	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R19	1-216-009-91	s METAL, CHIP 22 5% 1/10W

(CP-276 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
S1	1-570-157-51	s SWITCH, SLIDE
S2	1-570-157-51	s SWITCH, SLIDE



CP-281 BOARD(DSR-85(UC)/85P)

(CP-281 BOARD(DSR-85(UC)/85P))

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-860-A	o MOUNTED CIRCUIT BOARD, CP-281
C1	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C2	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C3	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C4	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C51	1-126-935-11	s ELECT 470uF 20% 16V
C52	1-126-935-11	s ELECT 470uF 20% 16V
C61	1-126-935-11	s ELECT 470uF 20% 16V
C62	1-126-935-11	s ELECT 470uF 20% 16V
C71	1-126-935-11	s ELECT 470uF 20% 16V
C72	1-126-935-11	s ELECT 470uF 20% 16V
C81	1-126-935-11	s ELECT 470uF 20% 16V
C82	1-126-935-11	s ELECT 470uF 20% 16V
C91	1-124-589-11	s ELECT 47uF 20% 16V
C92	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C93	1-124-589-11	s ELECT 47uF 20% 16V
C94	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C100	1-124-242-00	s ELECT 33uF 20% 25V
C101	1-124-242-00	s ELECT 33uF 20% 25V
C102	1-124-242-00	s ELECT 33uF 20% 25V
C103	1-124-242-00	s ELECT 33uF 20% 25V
C104	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C105	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C106	1-124-242-00	s ELECT 33uF 20% 25V
C107	1-124-242-00	s ELECT 33uF 20% 25V
C108	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C109	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C110	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C111	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C112	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C113	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C114	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C115	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C116	1-124-242-00	s ELECT 33uF 20% 25V
C117	1-124-242-00	s ELECT 33uF 20% 25V
C200	1-124-242-00	s ELECT 33uF 20% 25V
C201	1-124-242-00	s ELECT 33uF 20% 25V
C202	1-124-242-00	s ELECT 33uF 20% 25V
C203	1-124-242-00	s ELECT 33uF 20% 25V
C204	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C205	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C206	1-124-242-00	s ELECT 33uF 20% 25V
C207	1-124-242-00	s ELECT 33uF 20% 25V
C208	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C209	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C210	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C211	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C212	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C213	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C214	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C215	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C216	1-124-242-00	s ELECT 33uF 20% 25V
C217	1-124-242-00	s ELECT 33uF 20% 25V
CN21	1-750-786-11	s CONNECTOR, XLR 3P, FEMALE
CN22	1-750-785-11	s CONNECTOR, XLR 3P, MALE
CN23	1-750-786-11	s CONNECTOR, XLR 3P, FEMALE
CN24	1-750-786-11	s CONNECTOR, XLR 3P, FEMALE
CN25	1-750-785-11	s CONNECTOR, XLR 3P, MALE

Ref. No. or Q'ty	Part No.	SP Description
CN26	1-750-785-11	s CONNECTOR, XLR 3P, MALE
CN604	1-766-790-11	o CONNECTOR, BOARD TO BOARD 12P
CN605	1-766-790-11	o CONNECTOR, BOARD TO BOARD 12P
CN606	1-766-790-11	o CONNECTOR, BOARD TO BOARD 12P
D100	8-719-941-23	s DIODE DA204U
D101	8-719-941-23	s DIODE DA204U
D102	8-719-941-23	s DIODE DA204U
D103	8-719-941-23	s DIODE DA204U
D200	8-719-941-23	s DIODE DA204U
D201	8-719-941-23	s DIODE DA204U
D202	8-719-941-23	s DIODE DA204U
D203	8-719-941-23	s DIODE DA204U
FL1	1-236-129-11	s FILTER, NOISE
FL2	1-236-129-11	s FILTER, NOISE
FL3	1-236-129-11	s FILTER, NOISE
FL4	1-236-129-11	s FILTER, NOISE
IC100	8-759-106-02	s IC UPC4570G2
IC101	8-759-106-02	s IC UPC4570G2
IC102	8-759-106-02	s IC UPC4570G2
IC103	8-759-106-02	s IC UPC4570G2
IC200	8-759-106-02	s IC UPC4570G2
IC201	8-759-106-02	s IC UPC4570G2
IC202	8-759-106-02	s IC UPC4570G2
IC203	8-759-106-02	s IC UPC4570G2
R1	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R2	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R3	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R4	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R11	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R12	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R15	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R21	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R22	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R25	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R31	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R32	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R35	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R41	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R42	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R45	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R52	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R55	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R62	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R65	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R72	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R75	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R82	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R85	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R100	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R101	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R102	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R103	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R104	1-216-683-11	s METAL, CHIP 22k 0.5% 1/10W
R105	1-216-683-11	s METAL, CHIP 22k 0.5% 1/10W
R106	1-216-671-11	s METAL, CHIP 6.8k 0.5% 1/10W
R107	1-216-671-11	s METAL, CHIP 6.8k 0.5% 1/10W
R108	1-216-669-11	s METAL, CHIP 5.6k 0.5% 1/10W
R109	1-216-669-11	s METAL, CHIP 5.6k 0.5% 1/10W



## (CP-281 BOARD(DSR-85(UC)/85P))

Ref. No. or Q'ty	Part No.	SP Description
R110	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R111	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R112	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R113	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R114	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R115	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R116	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R117	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R118	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R119	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R120	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R121	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R122	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R123	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R124	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R125	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R126	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R127	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R128	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R129	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R130	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R131	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R151	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R152	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R200	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R201	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R202	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R203	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R204	1-216-683-11 s	METAL, CHIP 22k 0.5% 1/10W
R205	1-216-683-11 s	METAL, CHIP 22k 0.5% 1/10W
R206	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R207	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R208	1-216-669-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R209	1-216-669-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R210	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R211	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R212	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R213	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R214	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R215	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R216	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R217	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R218	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R219	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R220	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R221	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R222	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R223	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R224	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R225	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R226	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R227	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R228	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R229	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R230	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R231	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R251	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R252	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W

## (CP-281 BOARD(DSR-85(UC)/85P))

Ref. No. or Q'ty	Part No.	SP Description
S1	1-570-157-11 s	SWITCH, SLIDE
S2	1-570-157-11 s	SWITCH, SLIDE
S3	1-570-157-11 s	SWITCH, SLIDE
S4	1-570-157-11 s	SWITCH, SLIDE
S100	1-692-505-11 s	SWITCH, SLIDE
S101	1-692-505-11 s	SWITCH, SLIDE
S200	1-692-505-11 s	SWITCH, SLIDE
S201	1-692-505-11 s	SWITCH, SLIDE
T1	1-437-194-21 s	TRANSFORMER, PULSE
T2	1-437-194-21 s	TRANSFORMER, PULSE
T3	1-437-194-21 s	TRANSFORMER, PULSE
T4	1-437-194-21 s	TRANSFORMER, PULSE



CP-281J BOARD(DSR-85(J))

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8311-078-A	o MOUNTED CIRCUIT BOARD, CP-281J
C1	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C2	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C3	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C4	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C51	1-126-935-11	s ELECT 470uF 20% 16V
C52	1-126-935-11	s ELECT 470uF 20% 16V
C61	1-126-935-11	s ELECT 470uF 20% 16V
C62	1-126-935-11	s ELECT 470uF 20% 16V
C71	1-126-935-11	s ELECT 470uF 20% 16V
C72	1-126-935-11	s ELECT 470uF 20% 16V
C81	1-126-935-11	s ELECT 470uF 20% 16V
C82	1-126-935-11	s ELECT 470uF 20% 16V
C91	1-124-589-11	s ELECT 47uF 20% 16V
C92	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C93	1-124-589-11	s ELECT 47uF 20% 16V
C94	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C100	1-124-242-00	s ELECT 33uF 20% 25V
C101	1-124-242-00	s ELECT 33uF 20% 25V
C102	1-124-242-00	s ELECT 33uF 20% 25V
C103	1-124-242-00	s ELECT 33uF 20% 25V
C104	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C105	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C106	1-124-242-00	s ELECT 33uF 20% 25V
C107	1-124-242-00	s ELECT 33uF 20% 25V
C108	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C109	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C110	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C111	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C112	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C113	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C114	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C115	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C116	1-124-242-00	s ELECT 33uF 20% 25V
C117	1-124-242-00	s ELECT 33uF 20% 25V
C200	1-124-242-00	s ELECT 33uF 20% 25V
C201	1-124-242-00	s ELECT 33uF 20% 25V
C202	1-124-242-00	s ELECT 33uF 20% 25V
C203	1-124-242-00	s ELECT 33uF 20% 25V
C204	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C205	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C206	1-124-242-00	s ELECT 33uF 20% 25V
C207	1-124-242-00	s ELECT 33uF 20% 25V
C208	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C209	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C210	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C211	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C212	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C213	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C214	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C215	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C216	1-124-242-00	s ELECT 33uF 20% 25V
C217	1-124-242-00	s ELECT 33uF 20% 25V
CN21	1-750-786-11	s CONNECTOR, XLR 3P, FEMALE
CN22	1-750-785-11	s CONNECTOR, XLR 3P, MALE
CN23	1-750-785-11	s CONNECTOR, XLR 3P, MALE
CN24	1-750-785-11	s CONNECTOR, XLR 3P, MALE
CN25	1-750-786-11	s CONNECTOR, XLR 3P, FEMALE

(CP-281J BOARD(DSR-85(J)))

Ref. No. or Q'ty	Part No.	SP Description
CN26	1-750-786-11	s CONNECTOR, XLR 3P, FEMALE
CN604	1-766-790-11	o CONNECTOR, BOARD TO BOARD 12P
CN605	1-766-790-11	o CONNECTOR, BOARD TO BOARD 12P
CN606	1-766-790-11	o CONNECTOR, BOARD TO BOARD 12P
D100	8-719-941-23	s DIODE DA204U
D101	8-719-941-23	s DIODE DA204U
D102	8-719-941-23	s DIODE DA204U
D103	8-719-941-23	s DIODE DA204U
D200	8-719-941-23	s DIODE DA204U
D201	8-719-941-23	s DIODE DA204U
D202	8-719-941-23	s DIODE DA204U
D203	8-719-941-23	s DIODE DA204U
FL1	1-236-129-11	s FILTER, NOISE
FL2	1-236-129-11	s FILTER, NOISE
FL3	1-236-129-11	s FILTER, NOISE
FL4	1-236-129-11	s FILTER, NOISE
IC100	8-759-106-02	s IC UPC4570G2
IC101	8-759-106-02	s IC UPC4570G2
IC102	8-759-106-02	s IC UPC4570G2
IC103	8-759-106-02	s IC UPC4570G2
IC200	8-759-106-02	s IC UPC4570G2
IC201	8-759-106-02	s IC UPC4570G2
IC202	8-759-106-02	s IC UPC4570G2
IC203	8-759-106-02	s IC UPC4570G2
R1	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R2	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R3	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R4	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R13	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R14	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R15	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R23	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R24	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R25	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R33	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R34	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R35	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R43	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R44	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R45	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R53	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R54	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R63	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R64	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R73	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R74	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R83	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R84	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R100	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R101	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R102	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R103	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R104	1-216-683-11	s METAL, CHIP 22k 0.5% 1/10W
R105	1-216-683-11	s METAL, CHIP 22k 0.5% 1/10W
R106	1-216-671-11	s METAL, CHIP 6.8k 0.5% 1/10W
R107	1-216-671-11	s METAL, CHIP 6.8k 0.5% 1/10W
R108	1-216-669-11	s METAL, CHIP 5.6k 0.5% 1/10W
R109	1-216-669-11	s METAL, CHIP 5.6k 0.5% 1/10W



## (CP-281J BOARD(DSR-85(J)))

Ref. No. or Q'ty	Part No.	SP Description
R110	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R111	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R112	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R113	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R114	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R115	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R116	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R117	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R118	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R119	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R120	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R121	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R122	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R123	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R124	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R125	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R126	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R127	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R128	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R129	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R130	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R131	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R151	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R152	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R200	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R201	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R202	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R203	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R204	1-216-683-11 s	METAL, CHIP 22k 0.5% 1/10W
R205	1-216-683-11 s	METAL, CHIP 22k 0.5% 1/10W
R206	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R207	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R208	1-216-669-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R209	1-216-669-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R210	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R211	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R212	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R213	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R214	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R215	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R216	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R217	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R218	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R219	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R220	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R221	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R222	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R223	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R224	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R225	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R226	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R227	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R228	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R229	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R230	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R231	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R251	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R252	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W

## (CP-281J BOARD(DSR-85(J)))

Ref. No. or Q'ty	Part No.	SP Description
S1	1-570-157-11 s	SWITCH, SLIDE
S2	1-570-157-11 s	SWITCH, SLIDE
S3	1-570-157-11 s	SWITCH, SLIDE
S4	1-570-157-11 s	SWITCH, SLIDE
S100	1-692-505-11 s	SWITCH, SLIDE
S101	1-692-505-11 s	SWITCH, SLIDE
S200	1-692-505-11 s	SWITCH, SLIDE
S201	1-692-505-11 s	SWITCH, SLIDE
T1	1-437-194-21 s	TRANSFORMER, PULSE
T2	1-437-194-21 s	TRANSFORMER, PULSE
T3	1-437-194-21 s	TRANSFORMER, PULSE
T4	1-437-194-21 s	TRANSFORMER, PULSE



DA-120 BOARD(DSR-85/85P)

(DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-862-B	s MOUNTED CIRCUIT BOARD, DA-120
1pc	7-621-759-45	s +PSW, 2.6x6
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
C102	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C103	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C104	1-104-664-11	s ELECT 47uF 20% 25V
C105	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C106	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C107	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C108	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C109	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C110	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C111	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C112	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C113	1-109-994-11	s CERAMIC, CHIP 2.2uF 10% 10V
C114	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C115	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C116	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C117	1-104-664-11	s ELECT 47uF 20% 25V
C118	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C119	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C120	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C121	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C122	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C123	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C201	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C202	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C206	1-104-664-11	s ELECT 47uF 20% 25V
C207	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C208	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C209	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C210	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C211	1-104-664-11	s ELECT 47uF 20% 25V
C212	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C213	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C214	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C215	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C216	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C217	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C219	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C220	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C221	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C222	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C223	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C224	1-104-664-11	s ELECT 47uF 20% 25V
C225	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C226	1-104-664-11	s ELECT 47uF 20% 25V
C227	1-104-664-11	s ELECT 47uF 20% 25V
C229	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C230	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C231	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C232	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C233	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C234	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C235	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C236	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C237	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V

Ref. No. or Q'ty	Part No.	SP Description
C238	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C239	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C240	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C241	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C242	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C243	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C244	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C245	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C246	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C247	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C248	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C249	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C250	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C251	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C252	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C253	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C254	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C255	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C301	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C302	1-104-664-11	s ELECT 47uF 20% 25V
C303	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C304	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C305	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C306	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C309	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C310	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C312	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C313	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C314	1-104-664-11	s ELECT 47uF 20% 25V
C315	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C316	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C317	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C318	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C319	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C320	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C321	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C322	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C323	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C324	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C325	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C326	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C327	1-104-664-11	s ELECT 47uF 20% 25V
C328	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C329	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C330	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C331	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C332	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C333	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C334	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C335	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C336	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C337	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C338	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C339	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C340	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C341	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C342	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V







## (DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C535	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C536	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C601	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C602	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C603	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C604	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C605	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C606	1-104-664-11 s	ELECT 47uF 20% 25V
C607	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C608	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C609	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C610	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C611	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
CP201	1-117-211-11 s	CERAMIC, CHIP 470pF 10% 50V
CP202	1-117-211-11 s	CERAMIC, CHIP 470pF 10% 50V
CP301	1-117-211-11 s	CERAMIC, CHIP 470pF 10% 50V
CP302	1-117-211-11 s	CERAMIC, CHIP 470pF 10% 50V
CP303	1-117-211-11 s	CERAMIC, CHIP 470pF 10% 50V
CP304	1-117-211-11 s	CERAMIC, CHIP 470pF 10% 50V
D403	8-719-041-39 s	DIODE KV1470
D404	8-719-041-39 s	DIODE KV1470
D405	8-719-941-04 s	DIODE SB007-03CP
D407	8-719-820-41 s	DIODE 1SS302
D408	8-719-820-41 s	DIODE 1SS302
E101	1-535-881-21 o	TERMINAL, TP
E202	1-535-881-21 o	TERMINAL, TP
E301	1-535-881-21 o	TERMINAL, TP
E401	1-535-881-21 o	TERMINAL, TP
E402	1-535-881-21 o	TERMINAL, TP
E501	1-535-881-21 o	TERMINAL, TP
FB101	1-414-445-11 s	CHOKES, NOISE, CHIP
FB501	1-414-445-11 s	CHOKES, NOISE, CHIP
FL201	1-233-313-31 s	FILTER, NOISE
FL202	1-233-313-31 s	FILTER, NOISE
FL301	1-233-313-31 s	FILTER, NOISE
FL302	1-233-313-31 s	FILTER, NOISE
IC101	8-759-491-41 s	IC TC74VHCT541AF(EL)
IC102	8-759-524-09 s	IC TC74VHC153FT(EL)
IC103	8-759-524-09 s	IC TC74VHC153FT(EL)
IC104	8-759-524-09 s	IC TC74VHC153FT(EL)
IC105	8-759-524-09 s	IC TC74VHC153FT(EL)
IC106	8-759-491-47 s	IC TC74VHCT08AFT(EL)
IC107	8-759-524-09 s	IC TC74VHC153FT(EL)
IC108	8-759-524-09 s	IC TC74VHC153FT(EL)
IC109	8-759-523-43 s	IC TC74ACT157FT(EL)
IC110	8-759-049-58 s	IC SN74HC04APW-E05
IC111	8-759-049-98 s	IC SN74HC74APW-E20
IC112	8-759-902-88 s	IC SN74LS123NS
IC113	8-759-050-92 s	IC SN74HC164APW-E05
IC114	8-759-050-92 s	IC SN74HC164APW-E05
IC115	8-759-049-56 s	IC SN74HC02APW-E05
IC116	8-759-326-71 s	IC CXD8517Q
IC117	8-759-326-71 s	IC CXD8517Q
IC201	8-759-523-78 s	IC TC74VHC00FT(EL)
IC202	8-759-491-41 s	IC TC74VHCT541AF(EL)
IC203	8-759-196-97 s	IC TC7SH32FU-TE85R

## (DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
IC204	8-759-196-97 s	IC TC7SH32FU-TE85R
IC205	8-759-196-97 s	IC TC7SH32FU-TE85R
IC206	8-759-196-97 s	IC TC7SH32FU-TE85R
IC207	8-759-491-47 s	IC TC74VHCT08AFT(EL)
IC208	8-759-392-79 s	IC SN74LVC245APW-E05
IC209	8-759-491-47 s	IC TC74VHCT08AFT(EL)
IC210	8-759-186-44 s	IC TC74VHC125F
IC211	8-759-196-93 s	IC TC7SH00FU-TE85R
IC212	8-759-196-97 s	IC TC7SH32FU-TE85R
IC219	8-759-488-62 s	IC MSM514256C-60JSDR1
IC220	8-752-352-30 s	IC CXD2705AQ
IC221	8-759-488-62 s	IC MSM514256C-60JSDR1
IC222	8-752-352-30 s	IC CXD2705AQ
IC223	8-759-529-45 s	IC IDT71V256SA15PZ-TL
IC224	8-752-374-96 s	IC CXD2190R-T6
IC225	8-759-529-45 s	IC IDT71V256SA15PZ-TL
IC226	8-752-374-96 s	IC CXD2190R-T6
IC227	8-759-392-81 s	IC SN74LVC16245ADGGR
IC228	8-759-392-81 s	IC SN74LVC16245ADGGR
IC229	8-759-186-44 s	IC TC74VHC125F
IC301	8-759-186-51 s	IC TC74VHC157FS(EL)
IC302	8-759-529-45 s	IC IDT71V256SA15PZ-TL
IC303	8-752-374-96 s	IC CXD2190R-T6
IC304	8-759-529-45 s	IC IDT71V256SA15PZ-TL
IC305	8-752-374-96 s	IC CXD2190R-T6
IC306	8-759-523-43 s	IC TC74ACT157FT(EL)
IC307	8-759-488-62 s	IC MSM514256C-60JSDR1
IC308	8-752-352-30 s	IC CXD2705AQ
IC309	8-759-196-96 s	IC TC7SH08FU-TE85R
IC310	8-759-488-62 s	IC MSM514256C-60JSDR1
IC311	8-752-352-30 s	IC CXD2705AQ
IC312	8-759-529-45 s	IC IDT71V256SA15PZ-TL
IC313	8-759-529-45 s	IC IDT71V256SA15PZ-TL
IC315	8-759-466-16 s	IC IDT7164S20Y-TL
IC317	8-759-392-81 s	IC SN74LVC16245ADGGR
IC320	8-759-491-41 s	IC TC74VHCT541AF(EL)
IC322	8-759-186-77 s	IC TC74VHC541F
IC323	8-759-186-44 s	IC TC74VHC125F
IC325	8-759-481-73 s	IC SN74LVC125APW-E20
IC329	8-759-196-93 s	IC TC7SH00FU-TE85R
IC403	8-759-362-16 s	IC CXD2913AQ
IC404	8-759-362-16 s	IC CXD2913AQ
IC405	8-759-906-53 s	IC TL062CPS
IC406	8-759-196-97 s	IC TC7SH32FU-TE85R
IC407	8-759-906-53 s	IC TL062CPS
IC408	8-759-172-41 s	IC L78M09T-TL
IC409	8-759-196-93 s	IC TC7SH00FU-TE85R
IC410	8-759-196-97 s	IC TC7SH32FU-TE85R
IC411	8-759-271-86 s	IC TC7SH04FU
IC412	8-759-523-95 s	IC TC74VHC74FT(EL)
IC413	8-759-524-09 s	IC TC74VHC153FT(EL)
IC414	8-759-271-86 s	IC TC7SH04FU
IC415	8-759-523-95 s	IC TC74VHC74FT(EL)
IC416	8-759-524-09 s	IC TC74VHC153FT(EL)
IC502	8-759-483-02 s	IC CXD8713Q
IC503	8-759-529-45 s	IC IDT71V256SA15PZ-TL
IC504	8-759-529-45 s	IC IDT71V256SA15PZ-TL
IC505	8-759-523-95 s	IC TC74VHC74FT(EL)
IC507	8-759-523-95 s	IC TC74VHC74FT(EL)



## (DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
IC508	8-759-271-88 s	IC TC7SHU04FU-TE85R
IC509	8-759-491-46 s	IC TC74VHCT04FT(EL)
IC601	8-759-529-45 s	IC IDT71V256SA15PZ-TL
IC602	8-752-374-96 s	IC CXD2190R-T6
IC603	8-759-529-45 s	IC IDT71V256SA15PZ-TL
IC604	8-752-374-96 s	IC CXD2190R-T6
L102	1-410-470-11 s	INDUCTOR 10uH
L201	1-410-470-11 s	INDUCTOR 10uH
L203	1-410-470-11 s	INDUCTOR 10uH
L205	1-412-533-21 s	INDUCTOR 47uH
L206	1-412-533-21 s	INDUCTOR 47uH
L207	1-412-533-21 s	INDUCTOR 47uH
L301	1-410-470-11 s	INDUCTOR 10uH
L303	1-410-470-11 s	INDUCTOR 10uH
L305	1-410-470-11 s	INDUCTOR 10uH
L306	1-410-470-11 s	INDUCTOR 10uH
L307	1-410-470-11 s	INDUCTOR 10uH
L401	1-410-470-11 s	INDUCTOR 10uH
L402	1-410-470-11 s	INDUCTOR 10uH
L403	1-410-470-11 s	INDUCTOR 10uH
L404	1-410-470-11 s	INDUCTOR 10uH
L406	1-410-470-11 s	INDUCTOR 10uH
L407	1-410-470-11 s	INDUCTOR 10uH
L409	1-410-470-11 s	INDUCTOR 10uH
L410	1-410-470-11 s	INDUCTOR 10uH
L411	1-410-470-11 s	INDUCTOR 10uH
L412	1-410-470-11 s	INDUCTOR 10uH
L501	1-410-470-11 s	INDUCTOR 10uH
L502	1-410-470-11 s	INDUCTOR 10uH
L504	1-410-470-11 s	INDUCTOR 10uH
L505	1-410-459-11 s	INDUCTOR 1.2uH
L601	1-410-470-11 s	INDUCTOR 10uH
LV401	1-411-984-11 s	COIL, VAR, CHIP
LV402	1-411-984-11 s	COIL, VAR, CHIP
PS205	△ 1-532-686-21 s	LINK, IC 2.7A
PS206	△ 1-532-686-21 s	LINK, IC 2.7A
PS207	△ 1-532-686-21 s	LINK, IC 2.7A
R101	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R102	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R103	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R104	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R105	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R107	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R108	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R109	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R110	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R112	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R113	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R114	1-208-838-91 s	METAL, CHIP 220k 0.5% 1/10W
R115	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R116	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R119	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R120	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R121	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R201	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R204	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R206	1-216-037-00 s	METAL, CHIP 330 5% 1/10W

## (DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R207	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R208	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R209	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R210	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R211	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R212	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R213	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R214	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R215	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R216	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R217	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R219	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R220	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R221	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R222	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R224	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R226	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R227	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R228	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R229	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R231	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R240	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R241	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R242	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R243	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R244	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R245	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R246	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R247	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R248	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R249	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R250	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R251	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R304	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R305	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R306	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R307	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R308	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R310	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R312	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R319	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R320	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R321	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R322	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R323	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R324	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R325	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R326	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R327	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R328	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R329	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R330	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R331	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R332	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R333	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R335	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R337	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R338	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R339	1-216-295-91 s	METAL, CHIP 0 5% 1/10W



## (DA-120 BOARD (DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R441	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R442	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R443	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R445	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R446	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R447	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R448	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R449	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R450	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R451	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R452	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R453	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R454	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R455	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R456	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R482	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R483	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R506	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R507	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R508	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R509	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R510	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R511	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R512	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R513	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R514	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R515	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R517	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R518	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R519	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R520	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R521	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R522	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R523	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R524	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R526	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R527	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R528	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R529	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R531	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R533	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R537	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R538	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R539	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R540	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R542	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R543	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R544	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R545	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R546	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R547	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R548	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R549	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R550	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R551	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R552	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R553	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R554	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R555	1-216-295-91	s	METAL, CHIP 0 5% 1/10W



## (DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R556	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R558	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R559	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R561	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R565	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R566	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R567	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R568	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R601	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R604	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R607	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R608	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
RB100	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB200	1-233-448-11 s	RESISTOR BLOCK, CHIP 22 x 4
RB201	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB202	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB203	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB204	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB205	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB206	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB207	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB208	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB209	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB210	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB211	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB212	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB213	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB214	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB215	1-233-448-11 s	RESISTOR BLOCK, CHIP 22 x 4
RB218	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB219	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB220	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB301	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB302	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB304	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB305	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB306	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB307	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB308	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB309	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB310	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB311	1-233-448-11 s	RESISTOR BLOCK, CHIP 22 x 4
RB501	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB502	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
X501	1-578-667-11 s	CRYSTAL 49.152MHZ

## DD-31 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-864-A s	MOUNTED CIRCUIT BOARD, DD-31
2pcs	7-621-759-45 s	+PSW, 2.6x6
C101	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C102	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C103	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C104	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C105	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C106	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C107	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C108	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C109	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C110	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C111	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C112	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C113	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C114	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C115	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C116	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C117	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C118	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C119	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C120	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C121	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C122	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C123	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C124	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C201	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C202	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C203	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C204	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C205	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C206	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C207	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C208	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C209	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C210	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C213	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C214	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C215	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C216	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C217	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C219	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C220	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C221	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C222	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C223	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C224	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
C301	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C302	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C303	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C304	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C305	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C310	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
FL301	1-233-674-21 s	FILTER BLOCK, NOISE, CHIP
FL302	1-233-674-21 s	FILTER BLOCK, NOISE, CHIP



## (DD-31 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
FL303	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
IC101	8-759-271-86	s IC TC7SH04FU
IC102	8-759-337-30	s IC UPD482445LGW-B10-E2
IC103	8-759-385-90	s IC CXD2187AR
IC104	8-759-337-30	s IC UPD482445LGW-B10-E2
IC105	8-759-385-90	s IC CXD2187AR
IC106	8-759-337-30	s IC UPD482445LGW-B10-E2
IC107	8-759-385-90	s IC CXD2187AR
IC201	8-759-271-86	s IC TC7SH04FU
IC202	8-759-337-30	s IC UPD482445LGW-B10-E2
IC203	8-759-385-90	s IC CXD2187AR
IC204	8-759-337-30	s IC UPD482445LGW-B10-E2
IC205	8-759-385-90	s IC CXD2187AR
IC206	8-759-337-30	s IC UPD482445LGW-B10-E2
IC207	8-759-385-90	s IC CXD2187AR
IC301	8-759-393-38	s IC SN74LVC245ANS-E20
IC302	8-759-393-38	s IC SN74LVC245ANS-E20
IC303	8-759-393-38	s IC SN74LVC245ANS-E20
IC304	8-759-393-38	s IC SN74LVC245ANS-E20
IC305	8-759-393-38	s IC SN74LVC245ANS-E20
L101	1-410-470-11	s INDUCTOR 10uH
L102	1-410-470-11	s INDUCTOR 10uH
L103	1-410-470-11	s INDUCTOR 10uH
L104	1-410-470-11	s INDUCTOR 10uH
L105	1-410-470-11	s INDUCTOR 10uH
L106	1-410-470-11	s INDUCTOR 10uH
L201	1-410-470-11	s INDUCTOR 10uH
L202	1-410-470-11	s INDUCTOR 10uH
L203	1-410-470-11	s INDUCTOR 10uH
L204	1-410-470-11	s INDUCTOR 10uH
L205	1-410-470-11	s INDUCTOR 10uH
L206	1-410-470-11	s INDUCTOR 10uH
L301	1-410-470-11	s INDUCTOR 10uH
R301	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R302	1-216-295-91	s METAL, CHIP 0 5% 1/10W
RB114	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB115	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB217	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB218	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4

## DDE-4 BOARD(DSR-85)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-866-A	s MOUNTED CIRCUIT BOARD, DDE-4
1pc	7-621-759-45	s +PSW, 2.6x6
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
C1	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C2	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C3	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C4	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C5	1-126-933-11	s ELECT 100uF 20% 16V
C6	1-126-934-11	s ELECT 220uF 20% 16V
C7	1-126-934-11	s ELECT 220uF 20% 16V
C8	1-126-934-11	s ELECT 220uF 20% 16V
C9	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C10	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C11	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C12	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C13	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C14	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C15	1-126-933-11	s ELECT 100uF 20% 16V
C16	1-126-933-11	s ELECT 100uF 20% 16V
C17	1-126-934-11	s ELECT 220uF 20% 16V
C18	1-126-933-11	s ELECT 100uF 20% 16V
C19	1-126-934-11	s ELECT 220uF 20% 16V
C20	1-126-934-11	s ELECT 220uF 20% 16V
C21	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C22	1-126-934-11	s ELECT 220uF 20% 16V
C23	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C24	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C25	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C26	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C27	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C28	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C100	1-126-933-11	s ELECT 100uF 20% 16V
C101	1-104-665-11	s ELECT 100uF 20% 25V
C102	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C103	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C104	1-126-934-11	s ELECT 220uF 20% 16V
C105	1-126-934-11	s ELECT 220uF 20% 16V
C106	1-126-934-11	s ELECT 220uF 20% 16V
C107	1-126-934-11	s ELECT 220uF 20% 16V
C108	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C109	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C110	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C111	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C112	1-104-665-11	s ELECT 100uF 20% 25V
C113	1-104-665-11	s ELECT 100uF 20% 25V
C114	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C115	1-126-925-11	s ELECT 470uF 20% 10V
C116	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C118	1-126-925-11	s ELECT 470uF 20% 10V
C119	1-131-347-00	s TANTALUM 1uF 10% 35V
C120	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C121	1-104-665-11	s ELECT 100uF 20% 25V
C122	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C123	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C124	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C125	1-126-933-11	s ELECT 100uF 20% 16V
C126	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C128	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V



## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
C129	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C130	1-131-381-00 s	TANTALUM 47uF 10% 10V
C131	1-131-381-00 s	TANTALUM 47uF 10% 10V
C132	1-131-377-00 s	TANTALUM 10uF 10% 10V
C134	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C135	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C136	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C139	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C140	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C141	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C142	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C200	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C201	1-126-934-11 s	ELECT 220uF 20% 16V
C202	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C203	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C204	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C205	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C206	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C207	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C208	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C209	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C213	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C214	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C215	1-126-934-11 s	ELECT 220uF 20% 16V
C216	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C217	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C218	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C219	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C220	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C221	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C222	1-126-934-11 s	ELECT 220uF 20% 16V
C223	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C224	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C225	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C226	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C227	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C228	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C229	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C230	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C231	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C232	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C233	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C234	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C235	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C236	1-126-934-11 s	ELECT 220uF 20% 16V
C237	1-126-934-11 s	ELECT 220uF 20% 16V
C238	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C239	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C240	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C241	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C242	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C243	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C244	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C245	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C246	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C247	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C248	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C249	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C250	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V

## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
C300	1-104-665-11 s	ELECT 100uF 20% 25V
C301	1-104-665-11 s	ELECT 100uF 20% 25V
C302	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C303	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C304	1-126-933-11 s	ELECT 100uF 20% 16V
C305	1-163-249-11 s	CERAMIC, CHIP 82pF 5% 50V
C306	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C307	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C308	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C309	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C310	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C311	1-131-377-00 s	TANTALUM 10uF 10% 10V
C312	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C313	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C314	1-163-263-11 s	CERAMIC, CHIP 330pF 5% 50V
C315	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C316	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C317	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C318	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C319	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C320	1-126-934-11 s	ELECT 220uF 20% 16V
C321	1-104-665-11 s	ELECT 100uF 20% 25V
C322	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C323	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C324	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C325	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C326	1-163-121-00 s	CERAMIC, CHIP 150pF 5% 50V
C327	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C328	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C329	1-104-665-11 s	ELECT 100uF 20% 25V
C330	1-104-665-11 s	ELECT 100uF 20% 25V
C331	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C332	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C333	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C334	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C335	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C336	1-163-133-00 s	CERAMIC, CHIP 470pF 5% 50V
C337	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C338	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C339	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C340	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C341	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C342	1-163-121-00 s	CERAMIC, CHIP 150pF 5% 50V
C343	1-163-102-00 s	CERAMIC, CHIP 24pF 5% 50V
C344	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C345	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C346	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C347	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C348	1-104-665-11 s	ELECT 100uF 20% 25V
C349	1-163-263-11 s	CERAMIC, CHIP 330pF 5% 50V
C350	1-104-665-11 s	ELECT 100uF 20% 25V
C351	1-163-121-00 s	CERAMIC, CHIP 150pF 5% 50V
C352	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C353	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C354	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C355	1-163-241-11 s	CERAMIC, CHIP 39pF 5% 50V
C356	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C357	1-104-665-11 s	ELECT 100uF 20% 25V
C358	1-163-263-11 s	CERAMIC, CHIP 330pF 5% 50V



## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
C359	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C360	1-104-665-11	s ELECT 100uF 20% 25V
C361	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C362	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C363	1-104-665-11	s ELECT 100uF 20% 25V
C364	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C365	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C366	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C367	1-104-665-11	s ELECT 100uF 20% 25V
C368	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C369	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C370	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C371	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C372	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C373	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C374	1-104-665-11	s ELECT 100uF 20% 25V
C375	1-104-665-11	s ELECT 100uF 20% 25V
C376	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C400	1-126-933-11	s ELECT 100uF 20% 16V
C401	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C402	1-126-934-11	s ELECT 220uF 20% 16V
C403	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C404	1-126-933-11	s ELECT 100uF 20% 16V
C405	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C406	1-126-934-11	s ELECT 220uF 20% 16V
C407	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C408	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C409	1-163-241-11	s CERAMIC, CHIP 39pF 5% 50V
C410	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C411	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C414	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C415	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C416	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C417	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C420	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C421	1-126-934-11	s ELECT 220uF 20% 16V
C422	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C424	1-126-934-11	s ELECT 220uF 20% 16V
C425	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C426	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C427	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C428	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C429	1-104-664-11	s ELECT 47uF 20% 25V
C430	1-104-664-11	s ELECT 47uF 20% 25V
C432	1-104-664-11	s ELECT 47uF 20% 25V
C433	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C434	1-104-664-11	s ELECT 47uF 20% 25V
C435	1-104-664-11	s ELECT 47uF 20% 25V
C437	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C438	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C439	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C442	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C443	1-130-491-00	s MYLAR 0.047uF 5% 50V
C444	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C445	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C446	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C447	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C448	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C449	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C450	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C451	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C452	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C453	1-104-665-11	s ELECT 100uF 20% 25V
C454	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C455	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C456	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C457	1-104-664-11	s ELECT 47uF 20% 25V
C458	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C459	1-104-664-11	s ELECT 47uF 20% 25V
C460	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C461	1-126-934-11	s ELECT 220uF 20% 16V
C462	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C463	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C464	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C465	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C466	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C467	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C468	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C469	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C470	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C473	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C474	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C475	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C476	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C477	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C478	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C480	1-104-665-11	s ELECT 100uF 20% 25V
C481	1-104-665-11	s ELECT 100uF 20% 25V
C490	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C500	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C501	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C502	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C503	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C504	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C505	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C506	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C507	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C508	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C509	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C510	1-126-934-11	s ELECT 220uF 20% 16V
C511	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C512	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C513	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C514	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C515	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C521	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C522	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C523	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C524	1-126-934-11	s ELECT 220uF 20% 16V
C525	1-126-934-11	s ELECT 220uF 20% 16V
C526	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C527	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C528	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C529	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C600	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C601	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C602	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V



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Ref. No. or Q'ty	Part No.	SP Description
C603	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C604	1-104-664-11	s ELECT 47uF 20% 25V
C605	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C606	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C607	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C609	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C610	1-126-960-11	s ELECT 1uF 20% 50V
C611	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C612	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C615	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C616	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C617	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C618	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C619	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C620	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C621	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C622	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C623	1-131-349-00	s TANTALUM 2.2uF 10% 35V
C624	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C625	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C626	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C627	1-163-139-00	s CERAMIC, CHIP 820pF 5% 50V
C628	1-104-665-11	s ELECT 100uF 20% 25V
C629	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C630	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C631	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C632	1-126-964-11	s ELECT 10uF 20% 50V
C633	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C634	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C636	1-126-960-11	s ELECT 1uF 20% 50V
C638	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C639	1-126-934-11	s ELECT 220uF 20% 16V
C640	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C641	1-115-419-11	s CERAMIC, CHIP 3300pF 5% 25V
C642	1-115-419-11	s CERAMIC, CHIP 3300pF 5% 25V
C643	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C644	1-163-089-00	s CERAMIC, CHIP 6pF 50V
C645	1-163-237-11	s CERAMIC, CHIP 27pF 5% 50V
C646	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C647	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C648	1-126-934-11	s ELECT 220uF 20% 16V
C649	1-126-934-11	s ELECT 220uF 20% 16V
C650	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C651	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C652	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C653	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C654	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C655	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C656	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C657	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C658	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C659	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C660	1-163-222-11	s CERAMIC 5pF 0.25pF 50V
C661	1-163-222-11	s CERAMIC 5pF 0.25pF 50V
C662	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C663	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C664	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C665	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C667	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C670	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C671	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C672	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C673	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C674	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C675	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C900	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C901	1-104-664-11	s ELECT 47uF 20% 25V
C902	1-126-960-11	s ELECT 1uF 20% 50V
C903	1-126-960-11	s ELECT 1uF 20% 50V
C904	1-163-145-00	s CERAMIC, CHIP 0.0015uF 5% 50V
C905	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C906	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C907	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C908	1-104-665-11	s ELECT 100uF 20% 25V
C909	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C910	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C911	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
CV300	1-141-442-91	s CAP, TRIMMER CERAMIC 20pF
CV600	1-141-442-91	s CAP, TRIMMER CERAMIC 20pF
CV601	1-141-442-91	s CAP, TRIMMER CERAMIC 20pF
D1	8-719-941-04	s DIODE SB007-03CP
D2	8-719-941-04	s DIODE SB007-03CP
D3	8-719-941-04	s DIODE SB007-03CP
D4	8-719-941-04	s DIODE SB007-03CP
D5	8-719-941-04	s DIODE SB007-03CP
D101	8-719-024-81	s DIODE 1SS300-TE85L
D200	8-719-941-04	s DIODE SB007-03CP
D201	8-719-024-81	s DIODE 1SS300-TE85L
D300	8-719-041-39	s DIODE KV1470
D303	8-719-002-81	s DIODE 1T363
D304	8-719-941-23	s DIODE DA204U
D305	8-719-024-81	s DIODE 1SS300-TE85L
D400	8-719-941-23	s DIODE DA204U
D402	8-719-941-04	s DIODE SB007-03CP
D403	8-719-941-04	s DIODE SB007-03CP
D404	8-719-045-99	s DIODE RD2.2M-T1B
D405	8-719-045-99	s DIODE RD2.2M-T1B
D600	8-719-041-39	s DIODE KV1470
D601	8-719-027-95	s DIODE HSM88WK
D602	8-719-041-39	s DIODE KV1470
D603	8-719-024-81	s DIODE 1SS300-TE85L
D900	8-719-941-23	s DIODE DA204U
E100	1-535-881-21	o TERMINAL, TP
E101	1-535-881-21	o TERMINAL, TP
E200	1-535-881-21	o TERMINAL, TP
E201	1-535-881-21	o TERMINAL, TP
E300	1-535-881-21	o TERMINAL, TP
E301	1-535-881-21	o TERMINAL, TP
E400	1-535-881-21	o TERMINAL, TP
E600	1-535-881-21	o TERMINAL, TP
E601	1-535-881-21	o TERMINAL, TP
FB200	1-543-309-21	s BEAD, FERRITE
FB400	1-543-309-21	s BEAD, FERRITE
FL100	1-233-614-11	s FILTER, LOW-PASS
FL200	1-233-614-11	s FILTER, LOW-PASS
FL201	1-233-598-11	s FILTER, LOW-PASS



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Ref. No. or Q'ty	Part No.	SP Description
FL202	1-233-598-11	s FILTER, LOW-PASS
FL500	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL501	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL502	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL600	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL601	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
IC1	8-759-172-41	s IC L78M09T-TL
IC2	8-759-182-84	s IC PQ05SZ5U
IC3	8-759-182-84	s IC PQ05SZ5U
IC4	8-759-822-95	s IC L79M05T-FA
IC5	8-759-822-95	s IC L79M05T-FA
IC100	8-759-082-61	s IC TC4W53FU
IC101	8-759-082-61	s IC TC4W53FU
IC102	8-759-082-61	s IC TC4W53FU
IC104	8-759-981-48	s IC TL082M
IC200	8-759-387-83	s IC MB40569PFV-ER
IC201	8-759-456-03	s IC M66256GP-E2
IC202	8-759-456-03	s IC M66256GP-E2
IC203	8-759-456-03	s IC M66256GP-E2
IC204	8-759-513-76	s IC CXD8161AQ
IC205	8-759-031-84	s IC SC7S04F
IC206	8-759-058-64	s IC TC7S32FU(TE85R)
IC207	8-759-031-84	s IC SC7S04F
IC208	8-752-363-60	s IC CXD2307R-T4
IC209	8-759-981-48	s IC TL082M
IC210	8-752-052-73	s IC CXA1451M
IC211	8-752-052-73	s IC CXA1451M
IC212	8-752-052-73	s IC CXA1451M
IC300	8-759-031-84	s IC SC7S04F
IC301	8-759-184-64	s IC TC4W66FU(TE12R)
IC302	8-752-339-04	s IC CXD2208Q
IC303	8-759-981-48	s IC TL082M
IC304	8-759-906-53	s IC TL062CPS
IC305	8-759-287-54	s IC TL084CPW-E20
IC306	8-759-031-84	s IC SC7S04F
IC307	8-759-906-53	s IC TL062CPS
IC308	8-759-030-74	s IC SC14S66F
IC309	8-759-520-55	s IC CXD8243AM
IC310	8-759-031-84	s IC SC7S04F
IC311	8-759-184-64	s IC TC4W66FU(TE12R)
IC312	8-759-908-15	s IC TL431CLP
IC313	8-759-908-15	s IC TL431CLP
IC400	8-759-490-41	s IC TC74VHCT541AFT(EL)
IC401	8-759-011-64	s IC MC74HC4052F
IC402	8-759-009-07	s IC MC14053BF
IC403	8-759-908-15	s IC TL431CLP
IC404	8-759-287-54	s IC TL084CPW-E20
IC405	8-759-082-61	s IC TC4W53FU
IC406	8-759-447-90	s IC TLC5733AIPM
IC407	8-759-908-15	s IC TL431CLP
IC408	8-752-376-32	s IC CXD2310AR-T4
IC410	8-759-262-00	s IC MC14576CF
IC420	8-759-524-19	s IC TC74VHC164FT(EL)
IC500	8-759-524-10	s IC TC74VHC157FT(EL)
IC501	8-759-524-50	s IC TC74VHC541FT(EL)
IC502	8-759-524-50	s IC TC74VHC541FT(EL)
IC503	8-759-457-61	s IC CXD8628BR
IC504	8-759-271-86	s IC TC7SH04FU

## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
IC506	8-759-271-86	s IC TC7SH04FU
IC507	8-759-524-28	s IC TC74VHC245FT(EL)
IC508	8-759-490-41	s IC TC74VHCT541AFT(EL)
IC509	8-759-524-50	s IC TC74VHC541FT(EL)
IC510	8-759-524-28	s IC TC74VHC245FT(EL)
IC511	8-759-524-28	s IC TC74VHC245FT(EL)
IC600	8-759-524-50	s IC TC74VHC541FT(EL)
IC601	8-759-196-96	s IC TC7SH08FU-TE85R
IC602	8-759-009-07	s IC MC14053BF
IC603	8-752-375-05	s IC CXD2191R-T6
IC604	8-759-082-61	s IC TC4W53FU
IC605	8-759-490-41	s IC TC74VHCT541AFT(EL)
IC606	8-759-239-55	s IC TC74HC123AF
IC607	8-759-987-27	s IC LM1881M
IC608	8-759-907-81	s IC SN74LS221NS
IC609	8-759-198-63	s IC S-81230SG-QB-T1
IC610	8-759-343-09	s IC CXD2193AR-ER
IC611	8-759-524-19	s IC TC74VHC164FT(EL)
IC612	8-759-981-48	s IC TL082M
IC613	8-759-926-11	s IC SN74HC138ANS
IC614	8-759-271-86	s IC TC7SH04FU
IC615	8-759-927-46	s IC SN74HC00ANS
IC616	8-759-524-28	s IC TC74VHC245FT(EL)
IC617	8-759-524-28	s IC TC74VHC245FT(EL)
IC618	8-759-196-96	s IC TC7SH08FU-TE85R
IC619	8-759-271-86	s IC TC7SH04FU
IC620	8-759-523-95	s IC TC74VHC74FT(EL)
IC621	8-759-082-57	s IC TC7W04FU
IC622	8-759-530-05	s IC TC4053BFT(EL,N)
IC623	8-759-907-81	s IC SN74LS221NS
IC624	8-759-196-97	s IC TC7SH32FU-TE85R
IC625	8-759-239-55	s IC TC74HC123AF
IC626	8-759-083-94	s IC TC7W74FU
IC627	8-759-082-61	s IC TC4W53FU
IC628	8-759-196-93	s IC TC7SH00FU-TE85R
IC629	8-759-271-86	s IC TC7SH04FU
IC630	8-759-196-96	s IC TC7SH08FU-TE85R
IC900	8-752-375-75	s IC CXD2131Q-T4
IC901	8-759-925-85	s IC SN74HC32ANS
L1	1-412-533-21	s INDUCTOR 47uH
L2	1-412-533-21	s INDUCTOR 47uH
L3	1-412-533-21	s INDUCTOR 47uH
L4	1-412-533-21	s INDUCTOR 47uH
L5	1-412-533-21	s INDUCTOR 47uH
L6	1-412-533-21	s INDUCTOR 47uH
L100	1-408-607-31	s INDUCTOR 22uH
L101	1-408-607-31	s INDUCTOR 22uH
L102	1-410-478-11	s INDUCTOR 47uH
L103	1-410-478-11	s INDUCTOR 47uH
L104	1-410-478-11	s INDUCTOR 47uH
L200	1-408-607-31	s INDUCTOR 22uH
L201	1-408-607-31	s INDUCTOR 22uH
L202	1-410-462-11	s INDUCTOR 2.2uH
L203	1-410-462-11	s INDUCTOR 2.2uH
L204	1-410-462-11	s INDUCTOR 2.2uH
L205	1-410-478-11	s INDUCTOR 47uH
L206	1-410-478-11	s INDUCTOR 47uH
L300	1-410-482-31	s INDUCTOR 100uH
L301	1-410-476-11	s INDUCTOR 33uH



## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
L302	1-410-464-11 s	INDUCTOR 3.3uH
L303	1-410-478-11 s	INDUCTOR 47uH
L304	1-408-600-31 s	INDUCTOR 5.6uH
L305	1-410-482-31 s	INDUCTOR 100uH
L306	1-410-482-31 s	INDUCTOR 100uH
L307	1-410-482-31 s	INDUCTOR 100uH
L308	1-410-482-31 s	INDUCTOR 100uH
L309	1-410-482-31 s	INDUCTOR 100uH
L310	1-410-482-31 s	INDUCTOR 100uH
L311	1-410-482-31 s	INDUCTOR 100uH
L312	1-410-482-31 s	INDUCTOR 100uH
L400	1-410-478-11 s	INDUCTOR 47uH
L401	1-408-607-31 s	INDUCTOR 22uH
L402	1-408-607-31 s	INDUCTOR 22uH
L500	1-410-478-11 s	INDUCTOR 47uH
L502	1-410-478-11 s	INDUCTOR 47uH
L503	1-410-478-11 s	INDUCTOR 47uH
L600	1-410-478-11 s	INDUCTOR 47uH
L601	1-414-109-61 s	INDUCTOR 0.82uH
L602	1-408-607-31 s	INDUCTOR 22uH
L603	1-411-275-21 s	COIL, VAR, CHIP 5.6uH
L604	1-410-478-11 s	INDUCTOR 47uH
L605	1-410-478-11 s	INDUCTOR 47uH
L606	1-410-478-11 s	INDUCTOR 47uH
L900	1-410-478-11 s	INDUCTOR 47uH
PS1	△ 1-532-984-11 s	LINK, IC 2A
PS2	△ 1-532-984-11 s	LINK, IC 2A
PS3	△ 1-532-984-11 s	LINK, IC 2A
PS4	△ 1-532-984-11 s	LINK, IC 2A
PS5	△ 1-532-984-11 s	LINK, IC 2A
PS6	△ 1-532-984-11 s	LINK, IC 2A
Q100	8-729-904-41 s	TRANSISTOR FMY3
Q101	8-729-907-46 s	TRANSISTOR IMZ1
Q102	8-729-907-46 s	TRANSISTOR IMZ1
Q103	8-729-907-46 s	TRANSISTOR IMZ1
Q104	8-729-117-32 s	TRANSISTOR 2SC4177
Q105	8-729-904-04 s	TRANSISTOR FMS2
Q106	8-729-117-72 s	TRANSISTOR 2SC4178
Q107	8-729-117-32 s	TRANSISTOR 2SC4177
Q108	8-729-117-32 s	TRANSISTOR 2SC4177
Q109	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q110	8-729-117-72 s	TRANSISTOR 2SC4178
Q111	8-729-904-04 s	TRANSISTOR FMS2
Q112	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q113	8-729-117-32 s	TRANSISTOR 2SC4177
Q118	8-729-117-32 s	TRANSISTOR 2SC4177
Q121	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q200	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q201	8-729-117-32 s	TRANSISTOR 2SC4177
Q202	8-729-117-32 s	TRANSISTOR 2SC4177
Q203	8-729-117-32 s	TRANSISTOR 2SC4177
Q300	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q301	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q302	8-729-117-32 s	TRANSISTOR 2SC4177
Q303	8-729-117-32 s	TRANSISTOR 2SC4177
Q304	8-729-117-32 s	TRANSISTOR 2SC4177
Q305	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q306	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6

## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
Q307	8-729-117-32 s	TRANSISTOR 2SC4177
Q308	8-729-117-32 s	TRANSISTOR 2SC4177
Q309	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q310	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q311	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q312	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q313	8-729-117-32 s	TRANSISTOR 2SC4177
Q314	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q315	8-729-117-32 s	TRANSISTOR 2SC4177
Q316	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q317	8-729-140-47 s	TRANSISTOR 2SC3735-T2B-B35
Q318	8-729-117-32 s	TRANSISTOR 2SC4177
Q319	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q320	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q400	8-729-117-32 s	TRANSISTOR 2SC4177
Q401	8-729-117-32 s	TRANSISTOR 2SC4177
Q402	8-729-117-32 s	TRANSISTOR 2SC4177
Q403	8-729-117-32 s	TRANSISTOR 2SC4177
Q404	8-729-117-32 s	TRANSISTOR 2SC4177
Q405	8-729-117-72 s	TRANSISTOR 2SC4178
Q406	8-729-117-32 s	TRANSISTOR 2SC4177
Q407	8-729-422-44 s	TRANSISTOR 2SK663
Q408	8-729-422-44 s	TRANSISTOR 2SK663
Q409	8-729-422-44 s	TRANSISTOR 2SK663
Q410	8-729-422-44 s	TRANSISTOR 2SK663
Q412	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q413	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q414	8-729-117-32 s	TRANSISTOR 2SC4177
Q415	8-729-117-32 s	TRANSISTOR 2SC4177
Q417	8-729-117-72 s	TRANSISTOR 2SC4178
Q418	8-729-117-72 s	TRANSISTOR 2SC4178
Q420	8-729-117-72 s	TRANSISTOR 2SC4178
Q421	8-729-117-72 s	TRANSISTOR 2SC4178
Q422	8-729-117-72 s	TRANSISTOR 2SC4178
Q423	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q424	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q425	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q600	8-729-117-32 s	TRANSISTOR 2SC4177
Q900	8-729-903-10 s	TRANSISTOR FMW1
Q901	8-729-117-32 s	TRANSISTOR 2SC4177
Q902	8-729-117-32 s	TRANSISTOR 2SC4177
R100	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R101	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R102	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R103	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R104	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R105	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R106	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R107	1-216-059-00 s	METAL, CHIP 2.7k 5% 1/10W
R108	1-216-059-00 s	METAL, CHIP 2.7k 5% 1/10W
R109	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R110	1-216-618-11 s	METAL, CHIP 43 0.50% 1/10W
R111	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R112	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R113	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R114	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R115	1-216-059-00 s	METAL, CHIP 2.7k 5% 1/10W
R116	1-216-025-91 s	METAL, CHIP 100 5% 1/10W



## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
R117	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R118	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R119	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R120	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R121	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R122	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R123	1-216-641-11 s	METAL, CHIP 390 0.5% 1/10W
R124	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R125	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R126	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R127	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R128	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R129	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R130	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R131	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R132	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R133	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R134	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R135	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R136	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R137	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R138	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R139	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R140	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R141	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R142	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R147	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R148	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R149	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R155	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R156	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R157	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R158	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R161	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R163	1-216-059-00 s	METAL, CHIP 2.7k 5% 1/10W
R200	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R201	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R203	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R204	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R205	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R206	1-216-663-11 s	METAL, CHIP 3.3k 0.5% 1/10W
R207	1-216-663-11 s	METAL, CHIP 3.3k 0.5% 1/10W
R208	1-216-663-11 s	METAL, CHIP 3.3k 0.5% 1/10W
R209	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R210	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R211	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R212	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R213	1-216-071-00 s	METAL, CHIP 8.2k 5% 1/10W
R214	1-216-687-11 s	METAL, CHIP 33k 0.5% 1/10W
R215	1-216-679-11 s	METAL, CHIP 15k 0.5% 1/10W
R216	1-216-683-11 s	METAL, CHIP 22k 0.5% 1/10W
R217	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R218	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R219	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R220	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R221	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R222	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R223	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R224	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W

## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
R225	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R226	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R227	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R228	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R229	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R230	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R231	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R232	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R300	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R301	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R302	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R303	1-216-653-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R304	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R305	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R306	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R307	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R308	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R309	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R310	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R311	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R312	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R313	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R314	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R315	1-216-646-11 s	METAL, CHIP 620 0.5% 1/10W
R316	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R317	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R318	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R319	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R320	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R321	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R322	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R323	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R324	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R326	1-216-699-11 s	METAL, CHIP 100k 0.5% 1/10W
R327	1-216-117-00 s	METAL, CHIP 680k 5% 1/10W
R328	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R329	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R330	1-218-760-11 s	METAL, CHIP 220k 0.50% 1/10W
R331	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R332	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R333	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R334	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R335	1-216-667-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R336	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R337	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R338	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R339	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R340	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R341	1-216-658-11 s	METAL, CHIP 2k 0.5% 1/10W
R342	1-216-653-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R343	1-216-670-11 s	METAL, CHIP 6.2k 0.5% 1/10W
R344	1-216-634-11 s	METAL, CHIP 200 0.5% 1/10W
R345	1-216-663-11 s	METAL, CHIP 3.3k 0.5% 1/10W
R346	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R347	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R348	1-216-671-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R349	1-216-686-11 s	METAL, CHIP 30k 0.5% 1/10W
R350	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R351	1-216-041-00 s	METAL, CHIP 470 5% 1/10W



## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
R352	1-216-117-00	s METAL, CHIP 680k 5% 1/10W
R353	1-216-117-00	s METAL, CHIP 680k 5% 1/10W
R354	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R356	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R357	1-216-133-00	s METAL, CHIP 3.3M 5% 1/10W
R358	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R359	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R360	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R361	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R363	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R364	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R365	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R366	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R367	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R369	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R373	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R374	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R375	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R376	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R377	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R378	1-216-662-11	s METAL, CHIP 3k 0.5% 1/10W
R379	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R380	1-216-683-11	s METAL, CHIP 22k 0.5% 1/10W
R381	1-216-683-11	s METAL, CHIP 22k 0.5% 1/10W
R382	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R400	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R401	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R402	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R403	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R404	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R405	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R406	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R407	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R409	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R410	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R411	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R412	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R413	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R416	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R417	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R418	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R419	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R421	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R422	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R423	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R424	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R425	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R426	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R427	1-216-656-11	s METAL, CHIP 1.6k 0.5% 1/10W
R428	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R429	1-216-656-11	s METAL, CHIP 1.6k 0.5% 1/10W
R430	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R431	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R433	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R434	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R435	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R436	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R441	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R442	1-216-025-91	s METAL, CHIP 100 5% 1/10W

## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
R443	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R444	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R445	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R446	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R447	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R458	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R462	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R463	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R464	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R465	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R467	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R468	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R473	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R474	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R477	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R478	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R481	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R482	1-216-682-11	s METAL, CHIP 20k 0.5% 1/10W
R483	1-216-682-11	s METAL, CHIP 20k 0.5% 1/10W
R484	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R485	1-216-677-11	s METAL, CHIP 12k 0.5% 1/10W
R486	1-216-682-11	s METAL, CHIP 20k 0.5% 1/10W
R487	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R500	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R501	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R503	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R505	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R507	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R508	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R509	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R511	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R513	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R515	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R522	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R601	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R602	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R603	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R604	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R605	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R606	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R607	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R609	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R611	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R614	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R615	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R616	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R620	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R622	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R623	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R624	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R625	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R626	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R627	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R628	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R629	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R630	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R631	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R632	1-216-117-00	s METAL, CHIP 680k 5% 1/10W
R634	1-216-696-11	s METAL, CHIP 75k 0.5% 1/10W



## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
R637	1-216-693-11	s METAL, CHIP 56k 0.5% 1/10W
R640	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R642	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R653	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R654	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R658	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R664	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R666	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R667	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R675	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R678	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R681	1-216-103-00	s METAL, CHIP 180k 5% 1/10W
R682	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R683	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R684	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R685	1-216-075-00	s METAL, CHIP 12k 5% 1/10W
R686	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R900	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R901	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R902	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R903	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R904	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R905	1-216-077-00	s METAL, CHIP 15k 5% 1/10W
R906	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R907	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R908	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R909	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R910	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R911	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R912	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R913	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R917	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
RB200	1-233-235-11	s RESISTOR BLOCK, CHIP 10k x 4
RB201	1-233-235-11	s RESISTOR BLOCK, CHIP 10k x 4
RB300	1-233-237-11	s RESISTOR BLOCK, CHIP 100k x 4
RB301	1-239-999-11	s RESISTOR BLOCK, CHIP 1k x 4
RB500	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB501	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB502	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB503	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB504	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB505	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB506	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB507	1-239-999-11	s RESISTOR BLOCK, CHIP 1k x 4
RB600	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB601	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RV100	1-237-032-11	s RES, ADJ, METAL 500
RV200	1-237-035-11	s RES, ADJ, METAL 5k
RV201	1-237-036-11	s RES, ADJ, METAL 10k
RV202	1-237-035-11	s RES, ADJ, METAL 5k
RV300	1-237-034-11	s RES, ADJ, METAL 2k
RV301	1-237-034-11	s RES, ADJ, METAL 2k
RV400	1-237-032-11	s RES, ADJ, METAL 500
RV401	1-237-032-11	s RES, ADJ, METAL 500
RV402	1-237-032-11	s RES, ADJ, METAL 500
RV403	1-237-033-11	s RES, ADJ, METAL 1k
RV404	1-237-034-11	s RES, ADJ, METAL 2k
RV405	1-237-034-11	s RES, ADJ, METAL 2k

## (DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
RV406	1-237-034-11	s RES, ADJ, METAL 2k
RV407	1-237-034-11	s RES, ADJ, METAL 2k
RV408	1-237-034-11	s RES, ADJ, METAL 2k
RV409	1-237-034-11	s RES, ADJ, METAL 2k
RV600	1-237-036-11	s RES, ADJ, METAL 10k
S200	1-571-275-31	s SWITCH, SLIDE
TH200	1-807-972-11	s THERMISTOR 1.25k
X300	1-527-722-00	s CRYSTAL 14.31818MHz
X301	1-760-109-21	s VIBRATOR, CRYSTAL
X600	1-760-654-21	s CRYSTAL, CHIP 13.50MHz
X901	1-567-505-11	s CRYSTAL 3.579545MHz



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DDE-4P BOARD(DSR-85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-868-A	s MOUNTED CIRCUIT BOARD, DDE-4P
1pc	7-621-759-45	s +PSW, 2.6x6
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
C1	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C2	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C3	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C4	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C5	1-126-933-11	s ELECT 100uF 20% 16V
C6	1-126-934-11	s ELECT 220uF 20% 16V
C7	1-126-934-11	s ELECT 220uF 20% 16V
C8	1-126-934-11	s ELECT 220uF 20% 16V
C9	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C10	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C11	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C12	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C13	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C14	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C15	1-126-933-11	s ELECT 100uF 20% 16V
C16	1-126-933-11	s ELECT 100uF 20% 16V
C17	1-126-934-11	s ELECT 220uF 20% 16V
C18	1-126-933-11	s ELECT 100uF 20% 16V
C19	1-126-934-11	s ELECT 220uF 20% 16V
C20	1-126-934-11	s ELECT 220uF 20% 16V
C21	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C22	1-126-934-11	s ELECT 220uF 20% 16V
C23	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C24	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C25	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C26	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C27	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C28	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C100	1-126-933-11	s ELECT 100uF 20% 16V
C101	1-104-665-11	s ELECT 100uF 20% 25V
C102	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C103	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C104	1-126-934-11	s ELECT 220uF 20% 16V
C105	1-126-934-11	s ELECT 220uF 20% 16V
C106	1-126-934-11	s ELECT 220uF 20% 16V
C107	1-126-934-11	s ELECT 220uF 20% 16V
C108	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C109	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C110	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C111	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C112	1-104-665-11	s ELECT 100uF 20% 25V
C113	1-104-665-11	s ELECT 100uF 20% 25V
C114	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C115	1-126-925-11	s ELECT 470uF 20% 10V
C116	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C118	1-126-925-11	s ELECT 470uF 20% 10V
C119	1-131-347-00	s TANTALUM 1uF 10% 35V
C120	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C121	1-104-665-11	s ELECT 100uF 20% 25V
C122	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C123	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C124	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C125	1-126-933-11	s ELECT 100uF 20% 16V
C126	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C128	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V

(DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
C129	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C130	1-131-381-00	s TANTALUM 47uF 10% 10V
C131	1-131-381-00	s TANTALUM 47uF 10% 10V
C132	1-131-377-00	s TANTALUM 10uF 10% 10V
C134	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C135	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C136	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C139	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C140	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C141	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C142	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C200	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C201	1-126-934-11	s ELECT 220uF 20% 16V
C202	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C203	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C204	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C205	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C206	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C207	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C208	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C209	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C213	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C214	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C215	1-126-934-11	s ELECT 220uF 20% 16V
C216	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C217	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C218	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C219	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C220	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C221	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C222	1-126-934-11	s ELECT 220uF 20% 16V
C223	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C224	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C225	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C226	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C227	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C228	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C229	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C230	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C231	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C232	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C233	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C234	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C235	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C236	1-126-934-11	s ELECT 220uF 20% 16V
C237	1-126-934-11	s ELECT 220uF 20% 16V
C238	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C239	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C240	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C241	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C242	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C243	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C244	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C245	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C246	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C247	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C248	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C249	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C250	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V



## (DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
C300	1-104-665-11	s ELECT 100uF 20% 25V
C301	1-104-665-11	s ELECT 100uF 20% 25V
C302	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C303	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C304	1-126-933-11	s ELECT 100uF 20% 16V
C305	1-163-249-11	s CERAMIC, CHIP 82pF 5% 50V
C306	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C307	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C308	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C309	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C310	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C311	1-131-377-00	s TANTALUM 10uF 10% 10V
C312	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C313	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C314	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C315	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C316	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C317	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C318	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C319	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C320	1-126-934-11	s ELECT 220uF 20% 16V
C321	1-104-665-11	s ELECT 100uF 20% 25V
C322	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C323	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C324	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C325	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C326	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C327	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C328	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C329	1-104-665-11	s ELECT 100uF 20% 25V
C330	1-104-665-11	s ELECT 100uF 20% 25V
C331	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C332	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C333	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C334	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C335	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C336	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C337	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C338	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C339	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C340	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C341	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C342	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C343	1-163-229-11	s CERAMIC, CHIP 12pF 5% 50V
C344	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C345	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C346	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C347	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C348	1-104-665-11	s ELECT 100uF 20% 25V
C349	1-163-263-11	s CERAMIC, CHIP 330pF 5% 50V
C350	1-104-665-11	s ELECT 100uF 20% 25V
C351	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C352	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C353	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C354	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C355	1-163-241-11	s CERAMIC, CHIP 39pF 5% 50V
C356	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C357	1-104-665-11	s ELECT 100uF 20% 25V
C358	1-163-263-11	s CERAMIC, CHIP 330pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C359	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C360	1-104-665-11	s ELECT 100uF 20% 25V
C361	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C362	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C363	1-104-665-11	s ELECT 100uF 20% 25V
C364	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C365	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C366	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C367	1-104-665-11	s ELECT 100uF 20% 25V
C368	1-163-131-00	s CERAMIC, CHIP 390pF 5% 50V
C369	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C370	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C371	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C372	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C373	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C374	1-104-665-11	s ELECT 100uF 20% 25V
C375	1-104-665-11	s ELECT 100uF 20% 25V
C376	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C400	1-126-933-11	s ELECT 100uF 20% 16V
C401	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C402	1-126-934-11	s ELECT 220uF 20% 16V
C403	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C404	1-126-933-11	s ELECT 100uF 20% 16V
C405	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C406	1-126-934-11	s ELECT 220uF 20% 16V
C407	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C408	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C409	1-163-241-11	s CERAMIC, CHIP 39pF 5% 50V
C410	1-163-237-11	s CERAMIC, CHIP 27pF 5% 50V
C411	1-163-237-11	s CERAMIC, CHIP 27pF 5% 50V
C414	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C415	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C416	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C417	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C420	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C421	1-126-934-11	s ELECT 220uF 20% 16V
C422	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C424	1-126-934-11	s ELECT 220uF 20% 16V
C425	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C426	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C427	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C428	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C429	1-104-664-11	s ELECT 47uF 20% 25V
C430	1-104-664-11	s ELECT 47uF 20% 25V
C432	1-104-664-11	s ELECT 47uF 20% 25V
C433	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C434	1-104-664-11	s ELECT 47uF 20% 25V
C435	1-104-664-11	s ELECT 47uF 20% 25V
C437	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C438	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C439	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C442	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C443	1-130-491-00	s MYLAR 0.047uF 5% 50V
C444	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C445	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C446	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C447	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C448	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V



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Ref. No. or Q'ty	Part No.	SP Description
C449	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C450	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C451	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C452	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C453	1-104-665-11 s	ELECT 100uF 20% 25V
C454	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C455	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C456	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C457	1-104-664-11 s	ELECT 47uF 20% 25V
C458	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C459	1-104-664-11 s	ELECT 47uF 20% 25V
C460	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C461	1-126-934-11 s	ELECT 220uF 20% 16V
C462	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C463	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C464	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C465	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C466	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C467	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C468	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C469	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C470	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C473	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C474	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C475	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C476	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C477	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C478	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C480	1-104-665-11 s	ELECT 100uF 20% 25V
C481	1-104-665-11 s	ELECT 100uF 20% 25V
C490	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C500	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C501	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C502	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C503	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C504	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C505	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C506	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C507	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C508	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C509	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C510	1-126-934-11 s	ELECT 220uF 20% 16V
C511	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C512	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C513	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C514	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C515	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C516	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C517	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C518	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C519	1-126-934-11 s	ELECT 220uF 20% 16V
C520	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C521	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C522	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C523	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C524	1-126-934-11 s	ELECT 220uF 20% 16V
C525	1-126-934-11 s	ELECT 220uF 20% 16V
C526	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C527	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C528	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C529	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C600	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C601	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C602	1-164-489-11 s	CERAMIC, CHIP 0.22uF 10% 16V
C603	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C604	1-104-664-11 s	ELECT 47uF 20% 25V
C605	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C606	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C607	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C609	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C610	1-126-960-11 s	ELECT 1uF 20% 50V
C611	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C612	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C615	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C616	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C617	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C618	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C619	1-163-809-11 s	CERAMIC, CHIP 0.047uF 10% 25V
C620	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C621	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C622	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C623	1-131-349-00 s	TANTALUM 2.2uF 10% 35V
C624	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C625	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C626	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C627	1-163-139-00 s	CERAMIC, CHIP 820pF 5% 50V
C628	1-104-665-11 s	ELECT 100uF 20% 25V
C629	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C630	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C631	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C632	1-126-964-11 s	ELECT 10uF 20% 50V
C633	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C634	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C636	1-126-960-11 s	ELECT 1uF 20% 50V
C638	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C639	1-126-934-11 s	ELECT 220uF 20% 16V
C640	1-163-133-00 s	CERAMIC, CHIP 470pF 5% 50V
C641	1-115-419-11 s	CERAMIC, CHIP 3300pF 5% 25V
C642	1-115-419-11 s	CERAMIC, CHIP 3300pF 5% 25V
C643	1-131-368-00 s	TANTALUM 3.3uF 10% 16V
C644	1-163-089-00 s	CERAMIC, CHIP 6pF 50V
C645	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C646	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C647	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C648	1-126-934-11 s	ELECT 220uF 20% 16V
C649	1-126-934-11 s	ELECT 220uF 20% 16V
C650	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C651	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C652	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C653	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C654	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C655	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C656	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C657	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C658	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C659	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C660	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V
C661	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V



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Ref. No. or Q'ty	Part No.	SP Description
C662	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C663	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C664	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C665	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C667	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C670	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C671	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C672	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C673	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C674	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C675	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
CV300	1-141-442-91	s CAP, TRIMMER CERAMIC 20pF
CV600	1-141-442-91	s CAP, TRIMMER CERAMIC 20pF
CV601	1-141-442-91	s CAP, TRIMMER CERAMIC 20pF
D1	8-719-941-04	s DIODE SB007-03CP
D2	8-719-941-04	s DIODE SB007-03CP
D3	8-719-941-04	s DIODE SB007-03CP
D4	8-719-941-04	s DIODE SB007-03CP
D5	8-719-941-04	s DIODE SB007-03CP
D101	8-719-024-81	s DIODE 1SS300-TE85L
D200	8-719-941-04	s DIODE SB007-03CP
D201	8-719-024-81	s DIODE 1SS300-TE85L
D300	8-719-041-39	s DIODE KV1470
D301	8-719-941-23	s DIODE DA204U
D302	8-719-941-23	s DIODE DA204U
D303	8-719-002-81	s DIODE 1T363
D304	8-719-941-23	s DIODE DA204U
D305	8-719-024-81	s DIODE 1SS300-TE85L
D306	8-719-941-23	s DIODE DA204U
D400	8-719-941-23	s DIODE DA204U
D402	8-719-941-04	s DIODE SB007-03CP
D403	8-719-941-04	s DIODE SB007-03CP
D404	8-719-045-99	s DIODE RD2.2M-T1B
D405	8-719-045-99	s DIODE RD2.2M-T1B
D600	8-719-041-39	s DIODE KV1470
D601	8-719-027-95	s DIODE HSM88WK
D602	8-719-041-39	s DIODE KV1470
D603	8-719-024-81	s DIODE 1SS300-TE85L
E100	1-535-881-21	o TERMINAL, TP
E101	1-535-881-21	o TERMINAL, TP
E200	1-535-881-21	o TERMINAL, TP
E201	1-535-881-21	o TERMINAL, TP
E300	1-535-881-21	o TERMINAL, TP
E301	1-535-881-21	o TERMINAL, TP
E400	1-535-881-21	o TERMINAL, TP
E600	1-535-881-21	o TERMINAL, TP
E601	1-535-881-21	o TERMINAL, TP
FB200	1-543-309-21	s BEAD, FERRITE
FB400	1-543-309-21	s BEAD, FERRITE
FL100	1-233-614-11	s FILTER, LOW-PASS
FL200	1-233-614-11	s FILTER, LOW-PASS
FL201	1-233-599-11	s FILTER, LOW PASS
FL202	1-233-599-11	s FILTER, LOW PASS
FL500	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL501	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL502	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL600	1-233-674-21	s FILTER BLOCK, NOISE, CHIP

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Ref. No. or Q'ty	Part No.	SP Description
FL601	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
IC1	8-759-172-41	s IC L78M09T-TL
IC2	8-759-182-84	s IC PQ05SZ5U
IC3	8-759-182-84	s IC PQ05SZ5U
IC4	8-759-822-95	s IC L79M05T-FA
IC5	8-759-822-95	s IC L79M05T-FA
IC100	8-759-082-61	s IC TC4W53FU
IC101	8-759-082-61	s IC TC4W53FU
IC102	8-759-082-61	s IC TC4W53FU
IC104	8-759-981-48	s IC TL082M
IC200	8-759-387-83	s IC MB40569PFV-ER
IC201	8-759-456-03	s IC M66256GP-E2
IC202	8-759-456-03	s IC M66256GP-E2
IC203	8-759-456-03	s IC M66256GP-E2
IC204	8-759-513-76	s IC CXD8161AQ
IC205	8-759-031-84	s IC SC7S04F
IC206	8-759-058-64	s IC TC7S32FU(TE85R)
IC207	8-759-031-84	s IC SC7S04F
IC208	8-752-363-60	s IC CXD2307R-T4
IC209	8-759-981-48	s IC TL082M
IC210	8-752-052-73	s IC CXA1451M
IC211	8-752-052-73	s IC CXA1451M
IC212	8-752-052-73	s IC CXA1451M
IC300	8-759-031-84	s IC SC7S04F
IC301	8-759-184-64	s IC TC4W66FU(TE12R)
IC302	8-752-339-04	s IC CXD2208Q
IC303	8-759-981-48	s IC TL082M
IC304	8-759-906-53	s IC TL062CPS
IC305	8-759-287-54	s IC TL084CPW-E20
IC306	8-759-031-84	s IC SC7S04F
IC307	8-759-906-53	s IC TL062CPS
IC308	8-759-030-74	s IC SC14S66F
IC309	8-759-520-55	s IC CXD8243AM
IC310	8-759-031-84	s IC SC7S04F
IC311	8-759-184-64	s IC TC4W66FU(TE12R)
IC312	8-759-908-15	s IC TL431CLP
IC313	8-759-908-15	s IC TL431CLP
IC400	8-759-490-41	s IC TC74VHCT541AFT(EL)
IC401	8-759-011-64	s IC MC74HC4052F
IC403	8-759-908-15	s IC TL431CLP
IC404	8-759-287-54	s IC TL084CPW-E20
IC405	8-759-082-61	s IC TC4W53FU
IC406	8-759-447-90	s IC TLC5733AIPM
IC407	8-759-908-15	s IC TL431CLP
IC408	8-752-376-32	s IC CXD2310AR-T4
IC410	8-759-262-00	s IC MC14576CF
IC420	8-759-524-19	s IC TC74VHC164FT(EL)
IC500	8-759-524-10	s IC TC74VHC157FT(EL)
IC501	8-759-524-50	s IC TC74VHC541FT(EL)
IC502	8-759-524-50	s IC TC74VHC541FT(EL)
IC503	8-759-457-61	s IC CXD8628BR
IC504	8-759-271-86	s IC TC7SH04FU
IC505	8-759-327-31	s IC CXD2183R
IC506	8-759-271-86	s IC TC7SH04FU
IC507	8-759-524-28	s IC TC74VHC245FT(EL)
IC508	8-759-490-41	s IC TC74VHCT541AFT(EL)
IC509	8-759-524-50	s IC TC74VHC541FT(EL)
IC510	8-759-524-28	s IC TC74VHC245FT(EL)



## (DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
IC511	8-759-524-28 s	IC TC74VHC245FT(EL)
IC600	8-759-524-50 s	IC TC74VHC541FT(EL)
IC601	8-759-196-96 s	IC TC7SH08FU-TE85R
IC602	8-759-009-07 s	IC MC14053BF
IC603	8-752-375-05 s	IC CXD2191R-T6
IC604	8-759-082-61 s	IC TC4W53FU
IC605	8-759-490-41 s	IC TC74VHCT541AFT(EL)
IC606	8-759-239-55 s	IC TC74HC123AF
IC607	8-759-987-27 s	IC LM1881M
IC608	8-759-907-81 s	IC SN74LS221NS
IC609	8-759-198-63 s	IC S-81230SG-QB-T1
IC610	8-759-343-09 s	IC CXD2193AR-ER
IC611	8-759-524-19 s	IC TC74VHC164FT(EL)
IC612	8-759-981-48 s	IC TL082M
IC613	8-759-926-11 s	IC SN74HC138ANS
IC614	8-759-271-86 s	IC TC7SH04FU
IC615	8-759-927-46 s	IC SN74HC00ANS
IC616	8-759-524-28 s	IC TC74VHC245FT(EL)
IC617	8-759-524-28 s	IC TC74VHC245FT(EL)
IC618	8-759-196-96 s	IC TC7SH08FU-TE85R
IC619	8-759-271-86 s	IC TC7SH04FU
IC620	8-759-523-95 s	IC TC74VHC74FT(EL)
IC621	8-759-082-57 s	IC TC7W04FU
IC622	8-759-530-05 s	IC TC4053BFT(EL,N)
IC623	8-759-907-81 s	IC SN74LS221NS
IC624	8-759-196-97 s	IC TC7SH32FU-TE85R
IC625	8-759-239-55 s	IC TC74HC123AF
IC626	8-759-083-94 s	IC TC7W74FU
IC627	8-759-082-61 s	IC TC4W53FU
IC628	8-759-196-93 s	IC TC7SH00FU-TE85R
IC629	8-759-271-86 s	IC TC7SH04FU
IC630	8-759-196-96 s	IC TC7SH08FU-TE85R
L1	1-412-533-21 s	INDUCTOR 47uH
L2	1-412-533-21 s	INDUCTOR 47uH
L3	1-412-533-21 s	INDUCTOR 47uH
L4	1-412-533-21 s	INDUCTOR 47uH
L5	1-412-533-21 s	INDUCTOR 47uH
L6	1-412-533-21 s	INDUCTOR 47uH
L100	1-408-607-31 s	INDUCTOR 22uH
L101	1-408-607-31 s	INDUCTOR 22uH
L102	1-410-478-11 s	INDUCTOR 47uH
L103	1-410-478-11 s	INDUCTOR 47uH
L104	1-410-478-11 s	INDUCTOR 47uH
L200	1-408-607-31 s	INDUCTOR 22uH
L201	1-408-607-31 s	INDUCTOR 22uH
L202	1-410-462-11 s	INDUCTOR 2.2uH
L203	1-408-400-00 s	INDUCTOR 1.8uH
L204	1-408-400-00 s	INDUCTOR 1.8uH
L205	1-410-478-11 s	INDUCTOR 47uH
L206	1-410-478-11 s	INDUCTOR 47uH
L300	1-410-482-31 s	INDUCTOR 100uH
L301	1-410-476-11 s	INDUCTOR 33uH
L302	1-410-464-11 s	INDUCTOR 3.3uH
L303	1-410-476-11 s	INDUCTOR 33uH
L304	1-408-600-31 s	INDUCTOR 5.6uH
L305	1-410-482-31 s	INDUCTOR 100uH
L306	1-410-482-31 s	INDUCTOR 100uH
L307	1-410-482-31 s	INDUCTOR 100uH

## (DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
L308	1-410-482-31 s	INDUCTOR 100uH
L309	1-410-482-31 s	INDUCTOR 100uH
L310	1-410-482-31 s	INDUCTOR 100uH
L311	1-410-482-31 s	INDUCTOR 100uH
L312	1-410-482-31 s	INDUCTOR 100uH
L400	1-410-478-11 s	INDUCTOR 47uH
L401	1-408-607-31 s	INDUCTOR 22uH
L402	1-408-607-31 s	INDUCTOR 22uH
L500	1-410-478-11 s	INDUCTOR 47uH
L501	1-410-478-11 s	INDUCTOR 47uH
L502	1-410-478-11 s	INDUCTOR 47uH
L503	1-410-478-11 s	INDUCTOR 47uH
L600	1-410-478-11 s	INDUCTOR 47uH
L601	1-414-109-61 s	INDUCTOR 0.82uH
L602	1-408-607-31 s	INDUCTOR 22uH
L603	1-411-275-21 s	COIL, VAR, CHIP 5.6uH
L604	1-410-478-11 s	INDUCTOR 47uH
L605	1-410-478-11 s	INDUCTOR 47uH
L606	1-410-478-11 s	INDUCTOR 47uH
PS1	△ 1-532-984-11 s	LINK, IC 2A
PS2	△ 1-532-984-11 s	LINK, IC 2A
PS3	△ 1-532-984-11 s	LINK, IC 2A
PS4	△ 1-532-984-11 s	LINK, IC 2A
PS5	△ 1-532-984-11 s	LINK, IC 2A
PS6	△ 1-532-984-11 s	LINK, IC 2A
Q100	8-729-904-41 s	TRANSISTOR FMY3
Q101	8-729-907-46 s	TRANSISTOR IMZ1
Q102	8-729-907-46 s	TRANSISTOR IMZ1
Q103	8-729-907-46 s	TRANSISTOR IMZ1
Q104	8-729-117-32 s	TRANSISTOR 2SC4177
Q105	8-729-904-04 s	TRANSISTOR FMS2
Q106	8-729-117-72 s	TRANSISTOR 2SC4178
Q107	8-729-117-32 s	TRANSISTOR 2SC4177
Q108	8-729-117-32 s	TRANSISTOR 2SC4177
Q109	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q110	8-729-117-72 s	TRANSISTOR 2SC4178
Q111	8-729-904-04 s	TRANSISTOR FMS2
Q112	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q113	8-729-117-32 s	TRANSISTOR 2SC4177
Q118	8-729-117-32 s	TRANSISTOR 2SC4177
Q121	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q200	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q201	8-729-117-32 s	TRANSISTOR 2SC4177
Q202	8-729-117-32 s	TRANSISTOR 2SC4177
Q203	8-729-117-32 s	TRANSISTOR 2SC4177
Q300	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q301	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q302	8-729-117-32 s	TRANSISTOR 2SC4177
Q303	8-729-117-32 s	TRANSISTOR 2SC4177
Q304	8-729-117-32 s	TRANSISTOR 2SC4177
Q305	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q306	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q307	8-729-117-32 s	TRANSISTOR 2SC4177
Q308	8-729-117-32 s	TRANSISTOR 2SC4177
Q309	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q310	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q311	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q312	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6



## (DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
Q313	8-729-117-32	s TRANSISTOR 2SC4177
Q314	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q315	8-729-117-32	s TRANSISTOR 2SC4177
Q316	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q317	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q318	8-729-117-32	s TRANSISTOR 2SC4177
Q319	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q320	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q400	8-729-117-32	s TRANSISTOR 2SC4177
Q401	8-729-117-32	s TRANSISTOR 2SC4177
Q402	8-729-117-32	s TRANSISTOR 2SC4177
Q403	8-729-117-32	s TRANSISTOR 2SC4177
Q404	8-729-117-32	s TRANSISTOR 2SC4177
Q405	8-729-117-72	s TRANSISTOR 2SC4178
Q406	8-729-117-32	s TRANSISTOR 2SC4177
Q407	8-729-422-44	s TRANSISTOR 2SK663
Q408	8-729-422-44	s TRANSISTOR 2SK663
Q409	8-729-422-44	s TRANSISTOR 2SK663
Q410	8-729-422-44	s TRANSISTOR 2SK663
Q412	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q413	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q414	8-729-117-32	s TRANSISTOR 2SC4177
Q415	8-729-117-32	s TRANSISTOR 2SC4177
Q417	8-729-117-72	s TRANSISTOR 2SC4178
Q418	8-729-117-72	s TRANSISTOR 2SC4178
Q420	8-729-117-72	s TRANSISTOR 2SC4178
Q421	8-729-117-72	s TRANSISTOR 2SC4178
Q422	8-729-117-72	s TRANSISTOR 2SC4178
Q423	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q424	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q425	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q600	8-729-117-32	s TRANSISTOR 2SC4177
R100	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R101	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R102	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R103	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R104	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R105	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R106	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R107	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R108	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R109	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R110	1-216-618-11	s METAL, CHIP 43 0.50% 1/10W
R111	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R112	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R113	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R114	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R115	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R116	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R117	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R118	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R119	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R120	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R121	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R122	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R123	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R124	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R125	1-216-025-91	s METAL, CHIP 100 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R126	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R127	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R128	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R129	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R130	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R131	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R132	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R133	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R134	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R135	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R136	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R137	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R138	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R139	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R140	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R141	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R142	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R147	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R148	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R149	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R155	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R156	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R157	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R158	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R161	1-216-009-91	s METAL, CHIP 22 5% 1/10W
R163	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R200	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R201	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R203	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R204	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R205	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R206	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R207	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R208	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R209	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R210	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R211	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R212	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R213	1-216-071-00	s METAL, CHIP 8.2k 5% 1/10W
R214	1-216-687-11	s METAL, CHIP 33k 0.5% 1/10W
R216	1-216-683-11	s METAL, CHIP 22k 0.5% 1/10W
R217	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R218	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R219	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R220	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R221	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R222	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R223	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R224	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R225	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R226	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R227	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R228	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R229	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R230	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R231	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R232	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R300	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R301	1-216-073-00	s METAL, CHIP 10k 5% 1/10W



## (DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
R302	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R303	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R304	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R305	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R306	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R307	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R308	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R309	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R310	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R311	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R312	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R313	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R314	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R315	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R316	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R317	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R318	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R319	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R320	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R321	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R322	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R323	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R324	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R325	1-218-764-11	s METAL 330k 0.50% 1/10W
R326	1-218-764-11	s METAL 330k 0.50% 1/10W
R327	1-216-117-00	s METAL, CHIP 680k 5% 1/10W
R328	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R329	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R330	1-216-695-11	s METAL, CHIP 68k 0.5% 1/10W
R331	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R332	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R333	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R334	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R335	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R336	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R337	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R338	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R339	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R340	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R341	1-216-658-11	s METAL, CHIP 2k 0.5% 1/10W
R342	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R343	1-216-670-11	s METAL, CHIP 6.2k 0.5% 1/10W
R344	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R345	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R346	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R347	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R348	1-216-671-11	s METAL, CHIP 6.8k 0.5% 1/10W
R349	1-216-686-11	s METAL, CHIP 30k 0.5% 1/10W
R350	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R351	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R352	1-216-117-00	s METAL, CHIP 680k 5% 1/10W
R353	1-216-117-00	s METAL, CHIP 680k 5% 1/10W
R354	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R355	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R357	1-216-133-00	s METAL, CHIP 3.3M 5% 1/10W
R358	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R359	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R360	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R361	1-216-049-91	s METAL, CHIP 1k 5% 1/10W

## (DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
R363	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R364	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R365	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R366	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R367	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R368	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R369	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R371	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R372	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R373	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R374	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R375	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R376	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R377	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R378	1-216-662-11	s METAL, CHIP 3k 0.5% 1/10W
R379	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R380	1-216-683-11	s METAL, CHIP 22k 0.5% 1/10W
R381	1-216-683-11	s METAL, CHIP 22k 0.5% 1/10W
R382	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R400	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R401	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R402	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R403	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R404	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R405	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R406	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R407	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R409	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R410	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R411	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R412	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R413	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R416	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R417	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R418	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R419	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R421	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R422	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R423	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R424	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R425	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R426	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R427	1-216-656-11	s METAL, CHIP 1.6k 0.5% 1/10W
R428	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R429	1-216-656-11	s METAL, CHIP 1.6k 0.5% 1/10W
R430	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R431	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R433	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R434	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R435	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R436	1-216-661-11	s METAL, CHIP 2.7k 0.5% 1/10W
R439	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R440	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R441	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R442	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R443	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R444	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R445	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R446	1-216-025-91	s METAL, CHIP 100 5% 1/10W



## (DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
R447	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R458	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R462	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R463	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R464	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R465	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R467	1-216-667-11	s METAL, CHIP 4.7k 0.5% 1/10W
R468	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R473	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R474	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R477	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R478	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R481	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R482	1-216-682-11	s METAL, CHIP 20k 0.5% 1/10W
R483	1-216-682-11	s METAL, CHIP 20k 0.5% 1/10W
R484	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R485	1-216-677-11	s METAL, CHIP 12k 0.5% 1/10W
R486	1-216-682-11	s METAL, CHIP 20k 0.5% 1/10W
R487	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R500	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R501	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R503	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R505	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R507	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R508	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R509	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R511	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R513	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R515	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R601	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R602	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R603	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R604	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R605	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R606	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R607	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R609	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R611	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R614	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R615	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R616	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R620	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R622	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R623	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R624	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R625	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R626	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R627	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R628	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R629	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R630	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R631	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R632	1-216-117-00	s METAL, CHIP 680k 5% 1/10W
R634	1-216-696-11	s METAL, CHIP 75k 0.5% 1/10W
R637	1-216-693-11	s METAL, CHIP 56k 0.5% 1/10W
R640	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R642	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R653	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R654	1-216-085-00	s METAL, CHIP 33k 5% 1/10W

## (DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
R658	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R664	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R666	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R667	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R675	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R678	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R681	1-216-103-00	s METAL, CHIP 180k 5% 1/10W
R682	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R683	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R684	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R685	1-216-075-00	s METAL, CHIP 12k 5% 1/10W
R686	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
RB200	1-233-235-11	s RESISTOR BLOCK, CHIP 10k x 4
RB201	1-233-235-11	s RESISTOR BLOCK, CHIP 10k x 4
RB300	1-233-237-11	s RESISTOR BLOCK, CHIP 100k x 4
RB301	1-239-999-11	s RESISTOR BLOCK, CHIP 1k x 4
RB500	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB501	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB502	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB503	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB504	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB507	1-239-999-11	s RESISTOR BLOCK, CHIP 1k x 4
RB600	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB601	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RV100	1-237-032-11	s RES, ADJ, METAL 500
RV200	1-237-035-11	s RES, ADJ, METAL 5k
RV201	1-237-036-11	s RES, ADJ, METAL 10k
RV202	1-237-035-11	s RES, ADJ, METAL 5k
RV300	1-237-034-11	s RES, ADJ, METAL 2k
RV301	1-237-034-11	s RES, ADJ, METAL 2k
RV400	1-237-032-11	s RES, ADJ, METAL 500
RV401	1-237-032-11	s RES, ADJ, METAL 500
RV402	1-237-032-11	s RES, ADJ, METAL 500
RV403	1-237-033-11	s RES, ADJ, METAL 1k
RV404	1-237-034-11	s RES, ADJ, METAL 2k
RV405	1-237-034-11	s RES, ADJ, METAL 2k
RV406	1-237-034-11	s RES, ADJ, METAL 2k
RV407	1-237-034-11	s RES, ADJ, METAL 2k
RV408	1-237-034-11	s RES, ADJ, METAL 2k
RV409	1-237-034-11	s RES, ADJ, METAL 2k
RV600	1-237-036-11	s RES, ADJ, METAL 10k
S200	1-571-275-31	s SWITCH, SLIDE
X300	1-760-457-11	s VIBRATOR, CRYSTAL (VCO)
X301	1-760-183-21	s VIBRATOR, CRYSTAL
X600	1-760-654-21	s CRYSTAL, CHIP 13.50MHz



DEN-5 BOARD(DSR-85)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-872-A	s MOUNTED CIRCUIT BOARD, DEN-5
1pc	7-621-759-45	s +PSW, 2.6x6
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
C1	1-126-933-11	s ELECT 100uF 20% 16V
C2	1-126-933-11	s ELECT 100uF 20% 16V
C3	1-126-934-11	s ELECT 220uF 20% 16V
C4	1-126-933-11	s ELECT 100uF 20% 16V
C5	1-126-934-11	s ELECT 220uF 20% 16V
C6	1-126-934-11	s ELECT 220uF 20% 16V
C7	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C8	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C9	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C10	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C11	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C12	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C13	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C14	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C15	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C16	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C17	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C18	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C19	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C20	1-104-665-11	s ELECT 100uF 20% 25V
C21	1-104-665-11	s ELECT 100uF 20% 25V
C22	1-104-665-11	s ELECT 100uF 20% 25V
C23	1-104-665-11	s ELECT 100uF 20% 25V
C24	1-104-665-11	s ELECT 100uF 20% 25V
C25	1-126-933-11	s ELECT 100uF 20% 16V
C26	1-126-933-11	s ELECT 100uF 20% 16V
C27	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C28	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C29	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C30	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C31	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C32	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C100	1-104-664-11	s ELECT 47uF 20% 25V
C101	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C102	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C103	1-126-964-11	s ELECT 10uF 20% 50V
C104	1-126-960-11	s ELECT 1uF 20% 50V
C105	1-104-664-11	s ELECT 47uF 20% 25V
C106	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C107	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C108	1-126-964-11	s ELECT 10uF 20% 50V
C109	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C110	1-126-964-11	s ELECT 10uF 20% 50V
C111	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C112	1-126-964-11	s ELECT 10uF 20% 50V
C113	1-126-964-11	s ELECT 10uF 20% 50V
C114	1-104-664-11	s ELECT 47uF 20% 25V
C115	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C116	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C117	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C118	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C119	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C120	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C121	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C122	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V

(DEN-5 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
C123	1-104-665-11	s ELECT 100uF 20% 25V
C124	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C125	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C126	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C127	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C128	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C129	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C130	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C131	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C132	1-130-489-00	s MYLAR 0.033uF 5% 50V
C133	1-104-664-11	s ELECT 47uF 20% 25V
C134	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C135	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C136	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C137	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C138	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C139	1-104-664-11	s ELECT 47uF 20% 25V
C140	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C141	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C142	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C143	1-104-664-11	s ELECT 47uF 20% 25V
C144	1-104-664-11	s ELECT 47uF 20% 25V
C145	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C146	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C147	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C148	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C149	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C150	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C151	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C153	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C154	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C155	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C156	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C157	1-131-347-00	s TANTALUM 1uF 10% 35V
C158	1-131-375-00	s TANTALUM 4.7uF 10% 10V
C159	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C160	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C161	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C162	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C164	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C165	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C166	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C167	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C168	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C169	1-163-263-11	s CERAMIC, CHIP 330pF 5% 50V
C170	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C171	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C172	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C173	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C174	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C175	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C176	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C177	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C178	1-104-664-11	s ELECT 47uF 20% 25V
C179	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C180	1-104-664-11	s ELECT 47uF 20% 25V
C181	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C182	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C183	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V



## (DEN-5 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
C184	1-126-960-11	s ELECT 1uF 20% 50V
C185	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C186	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C187	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C188	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C189	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C190	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C191	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C192	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C193	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C194	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C195	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C196	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C197	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C198	1-104-665-11	s ELECT 100uF 20% 25V
C199	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C201	1-126-934-11	s ELECT 220uF 20% 16V
C202	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C208	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C209	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C210	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C213	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C214	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C215	1-126-934-11	s ELECT 220uF 20% 16V
C216	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C217	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C219	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C220	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C221	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C222	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C223	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C224	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C225	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C226	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C228	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C300	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C301	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C302	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C303	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C304	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C305	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C306	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C308	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C309	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C310	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C312	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C313	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C314	1-163-237-11	s CERAMIC, CHIP 27pF 5% 50V
C315	1-163-237-11	s CERAMIC, CHIP 27pF 5% 50V
C316	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C317	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C318	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C319	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C320	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C321	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C322	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C323	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C324	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C325	1-126-964-11	s ELECT 10uF 20% 50V
C326	1-126-964-11	s ELECT 10uF 20% 50V
C327	1-163-237-11	s CERAMIC, CHIP 27pF 5% 50V
C328	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C329	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C330	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C331	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C332	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C333	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C334	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C335	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C336	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C337	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C338	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C339	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C340	1-104-665-11	s ELECT 100uF 20% 25V
C341	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C342	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C343	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C344	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C345	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C346	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C347	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C348	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C349	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C350	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C351	1-104-665-11	s ELECT 100uF 20% 25V
C352	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C353	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C354	1-104-665-11	s ELECT 100uF 20% 25V
C355	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C356	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C357	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C358	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C359	1-104-665-11	s ELECT 100uF 20% 25V
C360	1-104-665-11	s ELECT 100uF 20% 25V
C362	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C363	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C364	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C365	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C366	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C367	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C368	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C369	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C370	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C371	1-104-664-11	s ELECT 47uF 20% 25V
C372	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C373	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C374	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C375	1-126-934-11	s ELECT 220uF 20% 16V
C376	1-126-934-11	s ELECT 220uF 20% 16V
C377	1-126-934-11	s ELECT 220uF 20% 16V
C400	1-104-665-11	s ELECT 100uF 20% 25V
C401	1-104-665-11	s ELECT 100uF 20% 25V
C402	1-104-665-11	s ELECT 100uF 20% 25V



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Ref. No. or Q'ty	Part No.	SP Description
C403	1-104-665-11 s	ELECT 100uF 20% 25V
C404	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C405	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C406	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C407	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C408	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C409	1-131-353-00 s	TANTALUM 10uF 10% 35V
C410	1-131-353-00 s	TANTALUM 10uF 10% 35V
C411	1-104-665-11 s	ELECT 100uF 20% 25V
C412	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C413	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C414	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C415	1-130-491-00 s	MYLAR 0.047uF 5% 50V
C416	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C417	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C418	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C419	1-163-120-00 s	CERAMIC, CHIP 130pF 5% 50V
C420	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C421	1-163-229-11 s	CERAMIC, CHIP 12pF 5% 50V
C422	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C424	1-104-665-11 s	ELECT 100uF 20% 25V
C425	1-126-933-11 s	ELECT 100uF 20% 16V
C426	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C427	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C428	1-104-665-11 s	ELECT 100uF 20% 25V
C429	1-163-224-11 s	CERAMIC, CHIP 7pF 0.25pF 50V
C430	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C431	1-131-353-00 s	TANTALUM 10uF 10% 35V
C432	1-104-665-11 s	ELECT 100uF 20% 25V
C433	1-131-353-00 s	TANTALUM 10uF 10% 35V
C434	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C435	1-130-491-00 s	MYLAR 0.047uF 5% 50V
C436	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C437	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C438	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C439	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C440	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C441	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C442	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C443	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C444	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C445	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C446	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C447	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C448	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C449	1-104-665-11 s	ELECT 100uF 20% 25V
C450	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C451	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C452	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C453	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C454	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C455	1-104-665-11 s	ELECT 100uF 20% 25V
C456	1-126-933-11 s	ELECT 100uF 20% 16V
C457	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C458	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C459	1-163-222-11 s	CERAMIC, CHIP 5pF 0.25pF 50V
C460	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C461	1-163-108-00 s	CERAMIC, CHIP 43pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C462	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C500	1-104-665-11 s	ELECT 100uF 20% 25V
C501	1-104-665-11 s	ELECT 100uF 20% 25V
C502	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C503	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C504	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C505	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C506	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C507	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C508	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C509	1-163-118-00 s	CERAMIC, CHIP 110pF 5% 50V
C510	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C511	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C514	1-104-665-11 s	ELECT 100uF 20% 25V
C515	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C516	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C517	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C518	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C519	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C520	1-131-347-00 s	TANTALUM 1uF 10% 35V
C521	1-163-259-91 s	CERAMIC, CHIP 220pF 5% 50V
C522	1-131-347-00 s	TANTALUM 1uF 10% 35V
C523	1-131-347-00 s	TANTALUM 1uF 10% 35V
C524	1-131-347-00 s	TANTALUM 1uF 10% 35V
C525	1-104-665-11 s	ELECT 100uF 20% 25V
C526	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C527	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C528	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C529	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C530	1-130-491-00 s	MYLAR 0.047uF 5% 50V
C531	1-130-491-00 s	MYLAR 0.047uF 5% 50V
C532	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C533	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C534	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C535	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C536	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C537	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C538	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C539	1-126-933-11 s	ELECT 100uF 20% 16V
C540	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C541	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C542	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C543	1-104-665-11 s	ELECT 100uF 20% 25V
C544	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C545	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C546	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C547	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C548	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C549	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C550	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C551	1-163-245-11 s	CERAMIC, CHIP 56pF 5% 50V
C552	1-163-245-11 s	CERAMIC, CHIP 56pF 5% 50V
C553	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C554	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C555	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C556	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C557	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C558	1-163-224-11 s	CERAMIC, CHIP 7pF 0.25pF 50V
C560	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V



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Ref. No. or Q'ty	Part No.	SP Description
C561	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C562	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C563	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C600	1-126-933-11	s ELECT 100uF 20% 16V
C601	1-104-665-11	s ELECT 100uF 20% 25V
C602	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C603	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C604	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C605	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C606	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C607	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C608	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C609	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C610	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C611	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C612	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C613	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C614	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C615	1-104-665-11	s ELECT 100uF 20% 25V
C616	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C617	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C618	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C619	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C620	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1100	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1101	1-104-665-11	s ELECT 100uF 20% 25V
C1102	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1103	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1104	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1105	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1106	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1107	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1108	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1109	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1110	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C1111	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1112	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1113	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C1114	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C1115	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1116	1-131-349-00	s TANTALUM 2.2uF 10% 35V
C1117	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C1118	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C1119	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1120	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1121	1-104-665-11	s ELECT 100uF 20% 25V
C1122	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C1123	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1124	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1125	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1126	1-104-665-11	s ELECT 100uF 20% 25V
C1127	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1128	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1129	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C1130	1-126-934-11	s ELECT 220uF 20% 16V
C1131	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C1132	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C1133	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C1134	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C1135	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
CV100	1-141-443-11	s CAP, TRIMMER CERAMIC 30pF
CV101	1-141-443-11	s CAP, TRIMMER CERAMIC 30pF
CV102	1-141-442-91	s CAP, TRIMMER CERAMIC 20pF
D1	8-719-941-04	s DIODE SB007-03CP
D2	8-719-941-04	s DIODE SB007-03CP
D3	8-719-941-04	s DIODE SB007-03CP
D4	8-719-941-04	s DIODE SB007-03CP
D5	8-719-941-04	s DIODE SB007-03CP
D6	8-719-941-04	s DIODE SB007-03CP
D7	8-719-941-04	s DIODE SB007-03CP
D100	8-719-024-81	s DIODE 1SS300-TE85L
D101	8-719-002-81	s DIODE 1T363
D102	8-719-002-81	s DIODE 1T363
D103	8-719-002-81	s DIODE 1T363
D300	8-719-041-39	s DIODE KV1470
D301	8-719-041-39	s DIODE KV1470
D302	8-719-041-39	s DIODE KV1470
D303	8-719-941-23	s DIODE DA204U
D400	8-719-024-81	s DIODE 1SS300-TE85L
D401	8-719-976-99	s DIODE DTZ5.1B
D402	8-719-024-81	s DIODE 1SS300-TE85L
D500	8-719-989-08	s DIODE RB717F
E100	1-535-881-21	o TERMINAL, TP
E101	1-535-881-21	o TERMINAL, TP
E200	1-535-881-21	o TERMINAL, TP
E300	1-535-881-21	o TERMINAL, TP
E301	1-535-881-21	o TERMINAL, TP
E400	1-535-881-21	o TERMINAL, TP
E500	1-535-881-21	o TERMINAL, TP
FL100	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL101	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL300	1-233-614-11	s FILTER, LOW-PASS
FL301	1-233-598-11	s FILTER, LOW-PASS
FL302	1-233-598-11	s FILTER, LOW-PASS
FL500	1-239-771-11	s FILTER, LOW-PASS
IC1	8-759-168-20	s IC TA78L09S
IC2	8-759-168-20	s IC TA78L09S
IC3	8-759-182-84	s IC PQ05SZ5U
IC4	8-759-182-84	s IC PQ05SZ5U
IC5	8-759-182-84	s IC PQ05SZ5U
IC6	8-759-822-95	s IC L79M05T-FA
IC7	8-759-822-95	s IC L79M05T-FA
IC100	8-759-925-74	s IC SN74HC04ANS
IC101	8-752-052-77	s IC CXA1450M
IC102	8-752-052-77	s IC CXA1450M
IC103	8-759-981-48	s IC TL082M
IC104	8-759-287-54	s IC TL084CPW-E20
IC105	8-759-009-05	s IC MC14051BF
IC106	8-752-052-73	s IC CXA1451M
IC107	8-759-100-96	s IC UPC4558G2
IC108	8-759-987-27	s IC LM1881M
IC109	8-759-981-48	s IC TL082M
IC110	8-759-009-07	s IC MC14053BF
IC111	8-759-702-08	s IC NJM360M
IC112	8-759-100-96	s IC UPC4558G2



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Ref. No. or Q'ty	Part No.	SP Description
IC113	8-759-980-04	s IC LM311PS
IC114	8-759-908-15	s IC TL431CLP
IC115	8-759-009-07	s IC MC14053BF
IC116	8-759-239-55	s IC TC74HC123AF
IC117	8-759-459-26	s IC TC5081BP
IC118	8-759-186-44	s IC TC74VHC125F
IC119	8-759-031-84	s IC SC7S04F
IC120	8-759-562-24	o IC MC68HC05C8FU-SC440923FU
IC121	8-752-335-47	s IC CXD1216M
IC122	8-759-241-03	s IC TC74HC191AF
IC123	8-759-271-86	s IC TC7SH04FU
IC124	8-759-031-84	s IC SC7S04F
IC125	8-759-271-86	s IC TC7SH04FU
IC126	8-759-239-55	s IC TC74HC123AF
IC127	8-759-925-90	s IC SN74HC74ANS
IC128	8-759-526-00	s IC CXD8165AQ
IC129	8-759-031-84	s IC SC7S04F
IC130	8-752-339-46	s IC CXD1177Q
IC131	8-759-196-97	s IC TC7SH32FU-TE85R
IC132	8-759-287-54	s IC TL084CPW-E20
IC133	8-759-524-50	s IC TC74VHC541FT(EL)
IC134	8-759-524-50	s IC TC74VHC541FT(EL)
IC135	8-752-374-89	s IC CXD2192Q-T4
IC136	8-759-927-46	s IC SN74HC00ANS
IC137	8-759-196-97	s IC TC7SH32FU-TE85R
IC138	8-759-196-97	s IC TC7SH32FU-TE85R
IC200	8-759-524-28	s IC TC74VHC245FT(EL)
IC201	8-759-524-28	s IC TC74VHC245FT(EL)
IC203	8-759-457-61	s IC CXD8628BR
IC204	8-759-524-28	s IC TC74VHC245FT(EL)
IC205	8-759-491-47	s IC TC74VHCT08AFT(EL)
IC206	8-759-271-86	s IC TC7SH04FU
IC250	8-759-524-52	s IC TC74VHC574FT(EL)
IC251	8-759-524-52	s IC TC74VHC574FT(EL)
IC252	8-759-271-86	s IC TC7SH04FU
IC254	8-759-524-52	s IC TC74VHC574FT(EL)
IC300	8-759-100-96	s IC UPC4558G2
IC301	8-759-100-96	s IC UPC4558G2
IC303	8-759-100-96	s IC UPC4558G2
IC304	8-759-082-61	s IC TC4W53FU
IC305	8-759-100-96	s IC UPC4558G2
IC306	8-759-100-96	s IC UPC4558G2
IC307	8-759-100-96	s IC UPC4558G2
IC308	8-759-100-96	s IC UPC4558G2
IC309	8-752-363-60	s IC CXD2307R-T4
IC310	8-752-052-77	s IC CXA1450M
IC312	8-759-198-63	s IC S-81230SG-QB-T1
IC400	8-759-082-59	s IC TC7W32FU
IC401	8-759-287-54	s IC TL084CPW-E20
IC402	8-759-009-07	s IC MC14053BF
IC403	8-759-981-48	s IC TL082M
IC404	8-752-052-73	s IC CXA1451M
IC405	8-752-052-73	s IC CXA1451M
IC406	8-752-052-73	s IC CXA1451M
IC407	8-759-262-00	s IC MC14576CF
IC408	8-759-082-61	s IC TC4W53FU
IC500	8-759-907-81	s IC SN74LS221NS
IC501	8-759-287-54	s IC TL084CPW-E20
IC502	8-759-009-07	s IC MC14053BF

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Ref. No. or Q'ty	Part No.	SP Description
IC503	8-759-981-48	s IC TL082M
IC504	8-752-054-80	s IC CXA1521M
IC505	8-752-054-80	s IC CXA1521M
IC506	8-759-906-59	s IC CX22017
IC600	8-752-052-73	s IC CXA1451M
IC601	8-752-052-73	s IC CXA1451M
L1	1-412-533-21	s INDUCTOR 47uH
L2	1-412-533-21	s INDUCTOR 47uH
L3	1-412-533-21	s INDUCTOR 47uH
L4	1-412-533-21	s INDUCTOR 47uH
L5	1-412-533-21	s INDUCTOR 47uH
L6	1-412-533-21	s INDUCTOR 47uH
L100	1-408-612-31	s INDUCTOR 56uH
L101	1-410-482-31	s INDUCTOR 100uH
L102	1-410-482-31	s INDUCTOR 100uH
L103	1-408-613-31	s INDUCTOR 68uH
L104	1-410-478-11	s INDUCTOR 47uH
L105	1-410-478-11	s INDUCTOR 47uH
L106	1-410-478-11	s INDUCTOR 47uH
L107	1-410-478-11	s INDUCTOR 47uH
L108	1-410-478-11	s INDUCTOR 47uH
L109	1-410-482-31	s INDUCTOR 100uH
L110	1-410-482-31	s INDUCTOR 100uH
L111	1-410-478-11	s INDUCTOR 47uH
L112	1-410-478-11	s INDUCTOR 47uH
L201	1-410-478-11	s INDUCTOR 47uH
L202	1-410-478-11	s INDUCTOR 47uH
L300	1-408-607-31	s INDUCTOR 22uH
L301	1-408-607-31	s INDUCTOR 22uH
L302	1-410-482-31	s INDUCTOR 100uH
L303	1-410-482-31	s INDUCTOR 100uH
L304	1-410-482-31	s INDUCTOR 100uH
L305	1-410-482-31	s INDUCTOR 100uH
L306	1-410-482-31	s INDUCTOR 100uH
L307	1-410-478-11	s INDUCTOR 47uH
L308	1-410-478-11	s INDUCTOR 47uH
L309	1-410-478-11	s INDUCTOR 47uH
L400	1-410-482-31	s INDUCTOR 100uH
L401	1-410-482-31	s INDUCTOR 100uH
L402	1-410-482-31	s INDUCTOR 100uH
L403	1-408-613-31	s INDUCTOR 68uH
L404	1-410-482-31	s INDUCTOR 100uH
L405	1-410-482-31	s INDUCTOR 100uH
L406	1-410-478-11	s INDUCTOR 47uH
L407	1-410-476-11	s INDUCTOR 33uH
L408	1-410-482-31	s INDUCTOR 100uH
L409	1-410-482-31	s INDUCTOR 100uH
L410	1-410-478-11	s INDUCTOR 47uH
L500	1-410-482-31	s INDUCTOR 100uH
L501	1-410-482-31	s INDUCTOR 100uH
L502	1-410-482-31	s INDUCTOR 100uH
L503	1-410-482-31	s INDUCTOR 100uH
L504	1-410-482-31	s INDUCTOR 100uH
L505	1-410-482-31	s INDUCTOR 100uH
L506	1-410-482-31	s INDUCTOR 100uH
L507	1-410-478-11	s INDUCTOR 47uH
L508	1-410-478-11	s INDUCTOR 47uH
L509	1-410-478-11	s INDUCTOR 47uH



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Ref. No. or Q'ty	Part No.	SP Description
L510	1-410-478-11	s INDUCTOR 47uH
L511	1-408-607-31	s INDUCTOR 22uH
L600	1-410-482-31	s INDUCTOR 100uH
L601	1-410-476-11	s INDUCTOR 33uH
L602	1-410-476-11	s INDUCTOR 33uH
L603	1-410-482-31	s INDUCTOR 100uH
L604	1-410-482-31	s INDUCTOR 100uH
PS1	Δ 1-532-984-11	s LINK, IC 2A
PS2	Δ 1-532-984-11	s LINK, IC 2A
PS3	Δ 1-532-984-11	s LINK, IC 2A
PS4	Δ 1-532-984-11	s LINK, IC 2A
PS5	Δ 1-532-984-11	s LINK, IC 2A
PS6	Δ 1-532-984-11	s LINK, IC 2A
Q100	8-729-117-32	s TRANSISTOR 2SC4177
Q101	8-729-117-32	s TRANSISTOR 2SC4177
Q102	8-729-117-32	s TRANSISTOR 2SC4177
Q103	8-729-117-32	s TRANSISTOR 2SC4177
Q104	8-729-117-32	s TRANSISTOR 2SC4177
Q105	8-729-117-32	s TRANSISTOR 2SC4177
Q106	8-729-904-41	s TRANSISTOR FMY3
Q107	8-729-117-32	s TRANSISTOR 2SC4177
Q108	8-729-117-32	s TRANSISTOR 2SC4177
Q109	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q110	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q111	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q112	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q113	8-729-117-32	s TRANSISTOR 2SC4177
Q114	8-729-117-32	s TRANSISTOR 2SC4177
Q115	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q116	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q300	8-729-117-32	s TRANSISTOR 2SC4177
Q301	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q302	8-729-117-32	s TRANSISTOR 2SC4177
Q303	8-729-117-32	s TRANSISTOR 2SC4177
Q400	8-729-117-32	s TRANSISTOR 2SC4177
Q401	8-729-923-06	s TRANSISTOR FMW-8
Q402	8-729-904-04	s TRANSISTOR FMS2
Q403	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q404	8-729-903-82	s TRANSISTOR FMW2
Q405	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q406	8-729-931-46	s TRANSISTOR FMW7
Q407	8-729-907-26	s TRANSISTOR IMX1
Q408	8-729-117-32	s TRANSISTOR 2SC4177
Q409	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q410	8-729-117-32	s TRANSISTOR 2SC4177
Q411	8-729-117-32	s TRANSISTOR 2SC4177
Q412	8-729-117-32	s TRANSISTOR 2SC4177
Q413	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q414	8-729-117-32	s TRANSISTOR 2SC4177
Q415	8-729-904-41	s TRANSISTOR FMY3
Q416	8-729-904-41	s TRANSISTOR FMY3
Q417	8-729-117-32	s TRANSISTOR 2SC4177
Q500	8-729-117-32	s TRANSISTOR 2SC4177
Q501	8-729-117-32	s TRANSISTOR 2SC4177
Q502	8-729-923-06	s TRANSISTOR FMW-8
Q503	8-729-923-06	s TRANSISTOR FMW-8
Q504	8-729-904-04	s TRANSISTOR FMS2
Q505	8-729-904-04	s TRANSISTOR FMS2

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Ref. No. or Q'ty	Part No.	SP Description
Q506	8-729-903-82	s TRANSISTOR FMW2
Q507	8-729-903-82	s TRANSISTOR FMW2
Q508	8-729-931-46	s TRANSISTOR FMW7
Q509	8-729-931-46	s TRANSISTOR FMW7
Q510	8-729-907-26	s TRANSISTOR IMX1
Q511	8-729-907-26	s TRANSISTOR IMX1
Q512	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q513	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q514	8-729-117-32	s TRANSISTOR 2SC4177
Q515	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q516	8-729-117-32	s TRANSISTOR 2SC4177
Q517	8-729-117-32	s TRANSISTOR 2SC4177
Q518	8-729-117-32	s TRANSISTOR 2SC4177
Q519	8-729-117-32	s TRANSISTOR 2SC4177
Q520	8-729-117-32	s TRANSISTOR 2SC4177
Q521	8-729-117-32	s TRANSISTOR 2SC4177
Q522	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q523	8-729-903-82	s TRANSISTOR FMW2
Q524	8-729-903-82	s TRANSISTOR FMW2
Q600	8-729-117-32	s TRANSISTOR 2SC4177
Q601	8-729-117-32	s TRANSISTOR 2SC4177
Q602	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q603	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q604	8-729-117-32	s TRANSISTOR 2SC4177
Q605	8-729-117-32	s TRANSISTOR 2SC4177
Q606	8-729-117-32	s TRANSISTOR 2SC4177
Q607	8-729-117-32	s TRANSISTOR 2SC4177
Q608	8-729-422-44	s TRANSISTOR 2SK663
Q609	8-729-422-44	s TRANSISTOR 2SK663
Q610	8-729-422-44	s TRANSISTOR 2SK663
Q611	8-729-422-44	s TRANSISTOR 2SK663
Q612	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q613	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
R100	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R101	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R102	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R103	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R104	1-208-792-11	s METAL, CHIP 2.7k 0.5% 1/10W
R105	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R106	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R107	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R108	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R109	1-208-814-91	s METAL, CHIP 22k 0.5% 1/10W
R110	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R111	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R112	1-216-051-00	s METAL, CHIP 1.2k 5% 1/10W
R113	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R114	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R115	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R117	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R118	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R119	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R120	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R121	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R122	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R123	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R124	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R125	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R126	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R127	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10
R128	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R129	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R130	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R131	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R132	1-208-808-11 s	METAL, CHIP 12k 0.5% 1/10W
R133	1-208-808-11 s	METAL, CHIP 12k 0.5% 1/10W
R134	1-208-808-11 s	METAL, CHIP 12k 0.5% 1/10W
R135	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R136	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R137	1-208-796-11 s	METAL, CHIP 3.9k 0.5% 1/10W
R138	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R139	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R140	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R141	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R142	1-208-802-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R143	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R144	1-216-655-11 s	METAL, CHIP 1.5k 0.5% 1/10W
R145	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R146	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R147	1-208-808-11 s	METAL, CHIP 12k 0.5% 1/10W
R148	1-216-655-11 s	METAL, CHIP 1.5k 0.5% 1/10W
R149	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R150	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R151	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R153	1-216-059-00 s	METAL, CHIP 2.7k 5% 1/10W
R154	1-216-059-00 s	METAL, CHIP 2.7k 5% 1/10W
R155	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R156	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R157	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R158	1-216-059-00 s	METAL, CHIP 2.7k 5% 1/10W
R159	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R160	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R161	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R162	1-216-069-00 s	METAL, CHIP 6.8k 5% 1/10W
R163	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R164	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R165	1-216-117-00 s	METAL, CHIP 680k 5% 1/10W
R167	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R168	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10
R169	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R170	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R171	1-208-822-11 s	CHIP, METAL 47k 0.5% 1/10W
R172	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R173	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R174	1-216-093-91 s	METAL, CHIP 68k 5% 1/10W
R175	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R176	1-208-797-11 s	METAL, CHIP 4.3k 0.5% 1/10W
R177	1-216-061-00 s	METAL, CHIP 3.3k 5% 1/10W
R178	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R179	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R180	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R181	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R182	1-208-802-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R183	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R184	1-208-818-11 s	METAL, CHIP 33k 0.5% 1/10W
R185	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R186	1-208-822-11 s	CHIP, METAL 47k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R187	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R188	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R189	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R190	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R191	1-208-818-11 s	METAL, CHIP 33k 0.5% 1/10W
R193	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R195	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R198	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R199	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R200	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R201	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R203	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R204	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R206	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R208	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R210	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R211	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R212	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R214	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R215	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R216	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R217	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R218	1-216-013-00 s	METAL, CHIP 33 5% 1/10W
R300	1-208-803-11 s	METAL, CHIP 7.5k 0.5% 1/10W
R301	1-208-796-11 s	METAL, CHIP 3.9k 0.5% 1/10W
R302	1-208-798-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R303	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R304	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R305	1-208-783-11 s	METAL, CHIP 1.1k 0.5% 1/10W
R306	1-208-799-11 s	METAL, CHIP 5.1k 0.5% 1/10W
R308	1-208-799-11 s	METAL, CHIP 5.1k 0.5% 1/10W
R310	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R311	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R312	1-216-051-00 s	METAL, CHIP 1.2k 5% 1/10W
R313	1-216-051-00 s	METAL, CHIP 1.2k 5% 1/10W
R314	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R315	1-216-063-91 s	METAL, CHIP 3.9k 5% 1/10W
R316	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R317	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R318	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R319	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R320	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R321	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R322	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R323	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R324	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R325	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R326	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R327	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R328	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R329	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R330	1-216-053-00 s	METAL, CHIP 1.5k 5% 1/10W
R331	1-216-053-00 s	METAL, CHIP 1.5k 5% 1/10W
R332	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R333	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R334	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R335	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R336	1-216-085-00 s	METAL, CHIP 33k 5% 1/10W
R337	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R338	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R339	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R340	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R342	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R343	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R344	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R345	1-208-809-11	s METAL, CHIP 13k 0.5% 1/10W
R346	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R347	1-208-809-11	s METAL, CHIP 13k 0.5% 1/10W
R348	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R349	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R350	1-208-792-11	s METAL, CHIP 2.7k 0.5% 1/10W
R351	1-208-792-11	s METAL, CHIP 2.7k 0.5% 1/10W
R352	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R353	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R354	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R355	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R356	1-208-809-11	s METAL, CHIP 13k 0.5% 1/10W
R357	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R358	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R359	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R360	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R361	1-208-804-11	s METAL, CHIP 8.2k 0.5% 1/10W
R362	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R363	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R364	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R365	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R366	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R367	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R368	1-208-792-11	s METAL, CHIP 2.7k 0.5% 1/10W
R369	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R370	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R371	1-208-796-11	s METAL, CHIP 3.9k 0.5% 1/10W
R372	1-208-796-11	s METAL, CHIP 3.9k 0.5% 1/10W
R373	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R374	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R375	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R376	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R377	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R378	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R379	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R380	1-208-776-11	s METAL, CHIP 560 0.5% 1/10W
R381	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R382	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R383	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R384	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R385	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R386	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R387	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R388	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R389	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R390	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R391	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R392	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R400	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R401	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R402	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R403	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R404	1-216-049-91	s METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R405	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R406	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R407	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R408	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R409	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R410	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R411	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R412	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R413	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R414	1-216-077-00	s METAL, CHIP 15k 5% 1/10W
R415	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R416	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R417	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R418	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R419	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R420	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R421	1-208-778-11	s METAL, CHIP 680 0.5% 1/10W
R422	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R423	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R424	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R425	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R426	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R427	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R428	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R429	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R430	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R431	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R432	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R433	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R434	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R435	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R436	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R437	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R438	1-216-053-00	s METAL, CHIP 1.5k 5% 1/10W
R439	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R440	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R441	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R442	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R443	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R444	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R445	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R446	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R447	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R448	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R449	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R450	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R451	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R452	1-208-765-11	s METAL, CHIP 200 0.5% 1/10W
R453	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R454	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R455	1-208-788-11	s METAL, CHIP 1.8k 0.5% 1/10W
R456	1-216-053-00	s METAL, CHIP 1.5k 5% 1/10W
R457	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R458	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R459	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R460	1-208-776-11	s METAL, CHIP 560 0.5% 1/10W
R461	1-208-778-11	s METAL, CHIP 680 0.5% 1/10W
R462	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R463	1-208-755-11	s METAL, CHIP 75 0.5% 1/10W



## (DEN-5 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
R464	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R465	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R466	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R467	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R468	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R469	1-208-798-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R470	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R471	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R472	1-216-095-00 s	METAL, CHIP 82k 5% 1/10W
R473	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R474	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R475	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R476	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R477	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R478	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R479	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R480	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R500	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R501	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R502	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R503	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R504	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R505	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R506	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R507	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R508	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R509	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R510	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R511	1-208-799-11 s	METAL, CHIP 5.1k 0.5% 1/10W
R512	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R513	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R514	1-216-077-00 s	METAL, CHIP 15k 5% 1/10W
R515	1-216-077-00 s	METAL, CHIP 15k 5% 1/10W
R516	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R517	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R518	1-216-027-00 s	METAL, CHIP 120 5% 1/10W
R519	1-216-027-00 s	METAL, CHIP 120 5% 1/10W
R520	1-208-818-11 s	METAL, CHIP 33k 0.5% 1/10W
R523	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R524	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R525	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R526	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R527	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R528	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R529	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R530	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R531	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R532	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R533	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R534	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R535	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R536	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R537	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R538	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R539	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R540	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R541	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R542	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R543	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W

## (DEN-5 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
R544	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R545	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R546	1-208-788-11 s	METAL, CHIP 1.8k 0.5% 1/10W
R547	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R548	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R549	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R550	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R551	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R552	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R553	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R554	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R555	1-216-075-00 s	METAL, CHIP 12k 5% 1/10W
R556	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R557	1-216-079-00 s	METAL, CHIP 18k 5% 1/10W
R558	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R559	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R561	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R562	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R563	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R564	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R565	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R566	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R567	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R568	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R569	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R570	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R571	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R572	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R573	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R574	1-208-778-11 s	METAL, CHIP 680 0.5% 1/10W
R575	1-208-797-11 s	METAL, CHIP 4.3k 0.5% 1/10W
R577	1-208-792-11 s	METAL, CHIP 2.7k 0.5% 1/10W
R578	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R579	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R580	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R581	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R600	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R601	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R602	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R603	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R604	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R605	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R606	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R607	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R608	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R609	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R610	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R611	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R612	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R613	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R614	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R615	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R616	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R617	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R618	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R619	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R620	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R621	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R622	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W



## (DEN-5 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
R623	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R624	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R625	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R626	1-208-791-11	s METAL, CHIP 2.4k 0.5% 1/10W
R627	1-208-791-11	s METAL, CHIP 2.4k 0.5% 1/10W
R628	1-208-755-11	s METAL, CHIP 75 0.5% 1/10W
R629	1-208-755-11	s METAL, CHIP 75 0.5% 1/10W
R891	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R892	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R1100	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R1101	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R1102	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R1104	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R1105	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R1106	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R1107	1-216-051-00	s METAL, CHIP 1.2k 5% 1/10W
R1108	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R1109	1-216-051-00	s METAL, CHIP 1.2k 5% 1/10W
R1110	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R1111	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R1112	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R1113	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R1114	1-216-069-00	s METAL, CHIP 6.8k 5% 1/10W
R1115	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1116	1-216-071-00	s METAL, CHIP 8.2k 5% 1/10W
R1117	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1118	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R1119	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R1120	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R1121	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R1123	1-216-115-00	s METAL, CHIP 560k 5% 1/10W
R1124	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R1125	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R1126	1-208-769-11	s METAL, CHIP 300 0.5% 1/10W
R1127	1-208-796-11	s METAL, CHIP 3.9k 0.5% 1/10W
R1128	1-208-769-11	s METAL, CHIP 300 0.5% 1/10W
R1129	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R1130	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R1131	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1132	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R1133	1-208-750-11	s METAL, CHIP 47 0.5% 1/10W
R1134	1-208-750-11	s METAL, CHIP 47 0.5% 1/10W
R1135	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1136	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1139	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R1141	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1142	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1143	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R1144	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1145	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1146	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1147	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R1148	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1149	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1150	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R1151	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R1152	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1153	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1154	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W

## (DEN-5 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
R1155	1-208-823-11	s METAL, CHIP 51k 0.5% 1/10W
R1156	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1157	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1159	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1160	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R1162	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R1163	1-216-105-91	s METAL, CHIP 220k 5% 1/10W
R1164	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R1165	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R1166	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R1167	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R1169	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1170	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1172	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1173	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1175	1-216-009-91	s METAL, CHIP 22 5% 1/10W
R1177	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1179	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1180	1-216-009-91	s METAL, CHIP 22 5% 1/10W
R1182	1-216-295-91	s METAL, CHIP 0 5% 1/10W
RB100	1-233-237-11	s RESISTOR BLOCK, CHIP 100k x 4
RB101	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB102	1-239-999-11	s RESISTOR BLOCK, CHIP 1k x 4
RB204	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB206	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB207	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB208	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB211	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB212	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB213	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB500	1-233-234-11	s RESISTOR BLOCK, CHIP 2.2k x 4
RB891	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB892	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB893	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB894	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RV100	1-241-263-11	s RES, ADJ, METAL 5k
RV101	1-237-034-11	s RES, ADJ, METAL 2k
RV102	1-237-033-11	s RES, ADJ, METAL 1k
RV103	1-241-264-11	s RES, ADJ, METAL 10k
RV104	1-241-265-11	s RES, ADJ, METAL 20k
RV105	1-241-264-11	s RES, ADJ, METAL 10k
RV106	1-241-263-11	s RES, ADJ, METAL 5k
RV200	1-237-032-11	s RES, ADJ, METAL 500
RV201	1-241-258-11	s RES, ADJ, METAL 100
RV300	1-241-263-11	s RES, ADJ, METAL 5k
RV301	1-241-263-11	s RES, ADJ, METAL 5k
RV302	1-241-262-11	s RES, ADJ, METAL 2k
RV400	1-237-032-11	s RES, ADJ, METAL 500
RV401	1-237-030-11	s RES, ADJ, METAL 100
RV402	1-237-033-11	s RES, ADJ, METAL 1k
RV403	1-241-266-11	s RES, ADJ, METAL 50k
RV404	1-241-266-11	s RES, ADJ, METAL 50k
RV405	1-241-263-11	s RES, ADJ, METAL 5k
RV406	1-241-263-11	s RES, ADJ, METAL 5k
RV407	1-241-262-11	s RES, ADJ, METAL 2k
RV500	1-241-263-11	s RES, ADJ, METAL 5k
RV501	1-241-263-11	s RES, ADJ, METAL 5k
RV502	1-241-264-11	s RES, ADJ, METAL 10k
RV503	1-241-261-41	s RES, ADJ, METAL 1k



## (DEN-5 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP Description
RV504	1-237-033-11 s	RES, ADJ, METAL 1k
RV505	1-241-262-11 s	RES, ADJ, METAL 2k
RV506	1-241-262-11 s	RES, ADJ, METAL 2k
S200	1-572-855-11 s	SWITCH, SLIDE
TH500	1-807-972-11 s	THERMISTOR 1.25k
X100	1-527-722-00 s	CRYSTAL 14.31818MHz
X101	1-767-262-11 s	CRYSTAL 27.00MHz
X102	1-527-722-00 s	CRYSTAL 14.31818MHz
X300	1-767-260-11 s	CRYSTAL 13.50MHz
X301	1-767-260-11 s	CRYSTAL 13.50MHz
X302	1-767-260-11 s	CRYSTAL 13.50MHz

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DEN-5P BOARD(DSR-85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-870-A s	MOUNTED CIRCUIT BOARD, DEN-5P
1pc	7-621-759-45 s	+PSW, 2.6x6
1pc	3-179-085-01 s	LEVER (L), PRINTED CIRCUIT BOARD
1pc	3-179-084-01 s	LEVER (R), PRINTED CIRCUIT BOARD
C1	1-126-933-11 s	ELECT 100uF 20% 16V
C2	1-126-933-11 s	ELECT 100uF 20% 16V
C3	1-126-934-11 s	ELECT 220uF 20% 16V
C4	1-126-933-11 s	ELECT 100uF 20% 16V
C5	1-126-934-11 s	ELECT 220uF 20% 16V
C6	1-126-934-11 s	ELECT 220uF 20% 16V
C7	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C8	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C9	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C10	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C11	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C12	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C13	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C14	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C15	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C16	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C17	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C18	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C19	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C20	1-104-665-11 s	ELECT 100uF 20% 25V
C21	1-104-665-11 s	ELECT 100uF 20% 25V
C22	1-104-665-11 s	ELECT 100uF 20% 25V
C23	1-104-665-11 s	ELECT 100uF 20% 25V
C24	1-104-665-11 s	ELECT 100uF 20% 25V
C25	1-126-933-11 s	ELECT 100uF 20% 16V
C26	1-126-933-11 s	ELECT 100uF 20% 16V
C27	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C28	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C29	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C30	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C31	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C32	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C100	1-104-664-11 s	ELECT 47uF 20% 25V
C101	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C102	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C103	1-126-964-11 s	ELECT 10uF 20% 50V
C104	1-126-960-11 s	ELECT 1uF 20% 50V
C105	1-104-664-11 s	ELECT 47uF 20% 25V
C106	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C107	1-164-489-11 s	CERAMIC, CHIP 0.22uF 10% 16V
C108	1-126-964-11 s	ELECT 10uF 20% 50V
C109	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C110	1-126-964-11 s	ELECT 10uF 20% 50V
C111	1-163-259-91 s	CERAMIC, CHIP 220pF 5% 50V
C112	1-126-964-11 s	ELECT 10uF 20% 50V
C113	1-126-964-11 s	ELECT 10uF 20% 50V
C114	1-104-664-11 s	ELECT 47uF 20% 25V
C115	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C116	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C117	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C118	1-163-259-91 s	CERAMIC, CHIP 220pF 5% 50V
C119	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C120	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C121	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C122	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V



## (DEN-5P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
C123	1-104-665-11	s ELECT 100uF 20% 25V
C124	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C125	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C126	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C127	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C128	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C129	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C130	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C131	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C132	1-130-489-00	s MYLAR 0.033uF 5% 50V
C133	1-104-664-11	s ELECT 47uF 20% 25V
C134	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C135	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C136	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C137	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C138	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C139	1-104-664-11	s ELECT 47uF 20% 25V
C140	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C141	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C142	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C143	1-104-664-11	s ELECT 47uF 20% 25V
C144	1-104-664-11	s ELECT 47uF 20% 25V
C145	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C146	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C147	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C148	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C149	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C150	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C151	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C153	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C154	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C155	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C156	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C157	1-131-347-00	s TANTALUM 1uF 10% 35V
C158	1-131-375-00	s TANTALUM 4.7uF 10% 10V
C159	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C160	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C161	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C162	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C164	1-163-104-00	s CERAMIC, CHIP 30pF 5% 50V
C165	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C166	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C167	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C168	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C169	1-163-263-11	s CERAMIC, CHIP 330pF 5% 50V
C170	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C171	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C172	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C173	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C174	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C175	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C176	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C177	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C178	1-104-664-11	s ELECT 47uF 20% 25V
C179	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C180	1-104-664-11	s ELECT 47uF 20% 25V
C181	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C182	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C183	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V

## (DEN-5P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
C184	1-126-960-11	s ELECT 1uF 20% 50V
C185	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C186	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C187	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C188	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C189	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C190	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C191	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C192	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C193	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C194	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C195	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C196	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C197	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C198	1-104-665-11	s ELECT 100uF 20% 25V
C199	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C201	1-126-934-11	s ELECT 220uF 20% 16V
C202	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C203	1-104-665-11	s ELECT 100uF 20% 25V
C204	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C205	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C206	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C207	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C208	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C209	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C210	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C213	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C214	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C215	1-126-934-11	s ELECT 220uF 20% 16V
C216	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C217	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C219	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C220	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C221	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C222	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C223	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C224	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C225	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C226	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C228	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C300	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C301	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C302	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C303	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C304	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C305	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C306	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C308	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C309	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C310	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C312	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C313	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C314	1-163-237-11	s CERAMIC, CHIP 27pF 5% 50V
C315	1-163-237-11	s CERAMIC, CHIP 27pF 5% 50V



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Ref. No. or Q'ty	Part No.	SP Description
C316	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C317	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C318	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C319	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C320	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C321	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C322	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C323	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C324	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C325	1-126-964-11 s	ELECT 10uF 20% 50V
C326	1-126-964-11 s	ELECT 10uF 20% 50V
C327	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C330	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C331	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C332	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C333	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C334	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C335	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C336	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C337	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C338	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C339	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C340	1-104-665-11 s	ELECT 100uF 20% 25V
C341	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C342	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C343	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C344	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C345	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C346	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C347	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C348	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C349	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C350	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C351	1-104-665-11 s	ELECT 100uF 20% 25V
C352	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C353	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C354	1-104-665-11 s	ELECT 100uF 20% 25V
C355	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C356	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C357	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C358	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C359	1-104-665-11 s	ELECT 100uF 20% 25V
C360	1-104-665-11 s	ELECT 100uF 20% 25V
C362	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C363	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C364	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C365	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C366	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C367	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C368	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C369	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C370	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C371	1-104-664-11 s	ELECT 47uF 20% 25V
C372	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C373	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C374	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C375	1-126-934-11 s	ELECT 220uF 20% 16V
C376	1-126-934-11 s	ELECT 220uF 20% 16V
C377	1-126-934-11 s	ELECT 220uF 20% 16V

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Ref. No. or Q'ty	Part No.	SP Description
C400	1-104-665-11 s	ELECT 100uF 20% 25V
C401	1-104-665-11 s	ELECT 100uF 20% 25V
C402	1-104-665-11 s	ELECT 100uF 20% 25V
C403	1-104-665-11 s	ELECT 100uF 20% 25V
C404	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C405	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C406	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C407	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C408	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C409	1-131-353-00 s	TANTALUM 10uF 10% 35V
C410	1-131-353-00 s	TANTALUM 10uF 10% 35V
C411	1-104-665-11 s	ELECT 100uF 20% 25V
C412	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C413	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C414	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C415	1-130-491-00 s	MYLAR 0.047uF 5% 50V
C416	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C417	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C418	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C419	1-163-259-91 s	CERAMIC, CHIP 220pF 5% 50V
C420	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C421	1-163-229-11 s	CERAMIC, CHIP 12pF 5% 50V
C422	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C424	1-104-665-11 s	ELECT 100uF 20% 25V
C425	1-126-933-11 s	ELECT 100uF 20% 16V
C426	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C427	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C428	1-104-665-11 s	ELECT 100uF 20% 25V
C429	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V
C430	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C431	1-131-353-00 s	TANTALUM 10uF 10% 35V
C432	1-104-665-11 s	ELECT 100uF 20% 25V
C433	1-131-353-00 s	TANTALUM 10uF 10% 35V
C434	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C435	1-130-491-00 s	MYLAR 0.047uF 5% 50V
C436	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C437	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C438	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C439	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C440	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C441	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C442	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C443	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C444	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C445	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C446	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C447	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C448	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C449	1-104-665-11 s	ELECT 100uF 20% 25V
C450	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C451	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C452	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C453	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C454	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C455	1-104-665-11 s	ELECT 100uF 20% 25V
C456	1-126-933-11 s	ELECT 100uF 20% 16V
C457	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C458	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V



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Ref. No. or Q'ty	Part No.	SP Description
C459	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V
C460	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C461	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C462	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C500	1-104-665-11 s	ELECT 100uF 20% 25V
C501	1-104-665-11 s	ELECT 100uF 20% 25V
C502	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C503	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C504	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C505	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C506	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C507	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C508	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C509	1-163-121-00 s	CERAMIC, CHIP 150pF 5% 50V
C510	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C511	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C514	1-104-665-11 s	ELECT 100uF 20% 25V
C515	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C516	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C517	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C518	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C519	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C520	1-131-347-00 s	TANTALUM 1uF 10% 35V
C521	1-163-259-91 s	CERAMIC, CHIP 220pF 5% 50V
C522	1-131-347-00 s	TANTALUM 1uF 10% 35V
C523	1-131-347-00 s	TANTALUM 1uF 10% 35V
C524	1-131-347-00 s	TANTALUM 1uF 10% 35V
C525	1-104-665-11 s	ELECT 100uF 20% 25V
C526	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C527	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C528	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C529	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C530	1-130-491-00 s	MYLAR 0.047uF 5% 50V
C531	1-130-491-00 s	MYLAR 0.047uF 5% 50V
C532	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C533	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C534	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C535	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C536	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C537	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C538	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C539	1-126-933-11 s	ELECT 100uF 20% 16V
C540	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C541	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C542	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C543	1-104-665-11 s	ELECT 100uF 20% 25V
C544	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C545	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C546	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C547	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C548	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C549	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C550	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C551	1-163-113-00 s	CERAMIC, CHIP 68pF 5% 50V
C552	1-163-113-00 s	CERAMIC, CHIP 68pF 5% 50V
C553	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C554	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C555	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C556	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C557	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C558	1-163-087-00 s	CERAMIC, CHIP 4pF 50V
C559	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C560	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C561	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C562	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C563	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C600	1-126-933-11 s	ELECT 100uF 20% 16V
C601	1-104-665-11 s	ELECT 100uF 20% 25V
C602	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C603	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C604	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C605	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C606	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C607	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C608	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C609	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C610	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C611	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C612	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C613	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C614	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C615	1-104-665-11 s	ELECT 100uF 20% 25V
C616	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C617	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C618	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C619	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C620	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1100	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1101	1-104-665-11 s	ELECT 100uF 20% 25V
C1102	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1103	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1104	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1105	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1106	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1107	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1108	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1109	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1110	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C1111	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1112	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1113	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C1114	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C1115	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1116	1-131-349-00 s	TANTALUM 2.2uF 10% 35V
C1117	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C1118	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C1119	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1120	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1121	1-104-665-11 s	ELECT 100uF 20% 25V
C1122	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C1123	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1124	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1125	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1126	1-104-665-11 s	ELECT 100uF 20% 25V
C1127	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1128	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1129	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C1130	1-126-934-11 s	ELECT 220uF 20% 16V



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Ref. No. or Q'ty	Part No.	SP Description
C1131	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C1132	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C1133	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C1134	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C1135	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
CV100	1-141-443-11 s	CAP, TRIMMER CERAMIC 30pF
CV101	1-141-443-11 s	CAP, TRIMMER CERAMIC 30pF
CV102	1-141-442-91 s	CAP, TRIMMER CERAMIC 20pF
D1	8-719-941-04 s	DIODE SB007-03CP
D2	8-719-941-04 s	DIODE SB007-03CP
D3	8-719-941-04 s	DIODE SB007-03CP
D4	8-719-941-04 s	DIODE SB007-03CP
D5	8-719-941-04 s	DIODE SB007-03CP
D6	8-719-941-04 s	DIODE SB007-03CP
D7	8-719-941-04 s	DIODE SB007-03CP
D100	8-719-024-81 s	DIODE 1SS300-TE85L
D101	8-719-002-81 s	DIODE 1T363
D102	8-719-002-81 s	DIODE 1T363
D103	8-719-002-81 s	DIODE 1T363
D300	8-719-041-39 s	DIODE KV1470
D301	8-719-041-39 s	DIODE KV1470
D302	8-719-041-39 s	DIODE KV1470
D303	8-719-941-23 s	DIODE DA204U
D400	8-719-024-81 s	DIODE 1SS300-TE85L
D401	8-719-976-99 s	DIODE DTZ5.1B
D402	8-719-024-81 s	DIODE 1SS300-TE85L
D500	8-719-989-08 s	DIODE RB717F
E100	1-535-881-21 o	TERMINAL, TP
E101	1-535-881-21 o	TERMINAL, TP
E200	1-535-881-21 o	TERMINAL, TP
E300	1-535-881-21 o	TERMINAL, TP
E301	1-535-881-21 o	TERMINAL, TP
E400	1-535-881-21 o	TERMINAL, TP
E500	1-535-881-21 o	TERMINAL, TP
FL100	1-233-674-21 s	FILTER BLOCK, NOISE, CHIP
FL101	1-233-674-21 s	FILTER BLOCK, NOISE, CHIP
FL300	1-233-614-11 s	FILTER, LOW-PASS
FL301	1-233-599-11 s	FILTER, LOW PASS
FL302	1-233-599-11 s	FILTER, LOW PASS
FL500	1-239-771-11 s	FILTER, LOW-PASS
IC1	8-759-168-20 s	IC TA78L09S
IC2	8-759-168-20 s	IC TA78L09S
IC3	8-759-182-84 s	IC PQ05SZ5U
IC4	8-759-182-84 s	IC PQ05SZ5U
IC5	8-759-182-84 s	IC PQ05SZ5U
IC6	8-759-822-95 s	IC L79M05T-FA
IC7	8-759-822-95 s	IC L79M05T-FA
IC100	8-759-925-74 s	IC SN74HC04ANS
IC101	8-752-052-77 s	IC CXA1450M
IC102	8-752-052-77 s	IC CXA1450M
IC103	8-759-981-48 s	IC TL082M
IC104	8-759-287-54 s	IC TL084CPW-E20
IC105	8-759-009-05 s	IC MC14051BF
IC106	8-752-052-73 s	IC CXA1451M
IC107	8-759-100-96 s	IC UPC4558G2
IC108	8-759-987-27 s	IC LM1881M
IC109	8-759-981-48 s	IC TL082M

## (DEN-5P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
IC110	8-759-009-07 s	IC MC14053BF
IC111	8-759-702-08 s	IC NJM360M
IC112	8-759-100-96 s	IC UPC4558G2
IC113	8-759-980-04 s	IC LM311PS
IC114	8-759-908-15 s	IC TL431CLP
IC115	8-759-009-07 s	IC MC14053BF
IC116	8-759-239-55 s	IC TC74HC123AF
IC117	8-759-459-26 s	IC TC5081BP
IC118	8-759-186-44 s	IC TC74VHC125F
IC119	8-759-031-84 s	IC SC7S04F
IC120	8-759-562-24 o	IC MC68HC05C8FU-SC440923FU
IC121	8-752-335-47 s	IC CXD1216M
IC122	8-759-241-03 s	IC TC74HC191AF
IC123	8-759-271-86 s	IC TC7SH04FU
IC124	8-759-031-84 s	IC SC7S04F
IC125	8-759-271-86 s	IC TC7SH04FU
IC126	8-759-239-55 s	IC TC74HC123AF
IC127	8-759-925-90 s	IC SN74HC74ANS
IC128	8-759-526-00 s	IC CXD8165AQ
IC129	8-759-031-84 s	IC SC7S04F
IC130	8-752-339-46 s	IC CXD1177Q
IC131	8-759-196-97 s	IC TC7SH32FU-TE85R
IC132	8-759-287-54 s	IC TL084CPW-E20
IC133	8-759-524-50 s	IC TC74VHC541FT(EL)
IC134	8-759-524-50 s	IC TC74VHC541FT(EL)
IC135	8-752-374-89 s	IC CXD2192Q-T4
IC136	8-759-927-46 s	IC SN74HC00ANS
IC137	8-759-196-97 s	IC TC7SH32FU-TE85R
IC138	8-759-196-97 s	IC TC7SH32FU-TE85R
IC200	8-759-524-28 s	IC TC74VHC245FT(EL)
IC201	8-759-524-28 s	IC TC74VHC245FT(EL)
IC202	8-759-327-31 s	IC CXD2183R
IC203	8-759-457-61 s	IC CXD8628BR
IC204	8-759-524-28 s	IC TC74VHC245FT(EL)
IC205	8-759-491-47 s	IC TC74VHCT08AFT(EL)
IC206	8-759-271-86 s	IC TC7SH04FU
IC250	8-759-524-52 s	IC TC74VHC574FT(EL)
IC251	8-759-524-52 s	IC TC74VHC574FT(EL)
IC252	8-759-271-86 s	IC TC7SH04FU
IC254	8-759-524-52 s	IC TC74VHC574FT(EL)
IC300	8-759-100-96 s	IC UPC4558G2
IC301	8-759-100-96 s	IC UPC4558G2
IC303	8-759-100-96 s	IC UPC4558G2
IC306	8-759-100-96 s	IC UPC4558G2
IC307	8-759-100-96 s	IC UPC4558G2
IC308	8-759-100-96 s	IC UPC4558G2
IC309	8-752-363-60 s	IC CXD2307R-T4
IC310	8-752-052-77 s	IC CXA1450M
IC312	8-759-198-63 s	IC S-81230SG-QB-T1
IC400	8-759-082-59 s	IC TC7W32FU
IC401	8-759-287-54 s	IC TL084CPW-E20
IC402	8-759-009-07 s	IC MC14053BF
IC403	8-759-981-48 s	IC TL082M
IC404	8-752-052-73 s	IC CXA1451M
IC405	8-752-052-73 s	IC CXA1451M
IC406	8-752-052-73 s	IC CXA1451M
IC407	8-759-262-00 s	IC MC14576CF
IC408	8-759-082-61 s	IC TC4W53FU
IC500	8-759-907-81 s	IC SN74LS221NS



## (DEN-5P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
IC501	8-759-287-54	s IC TL084CPW-E20
IC502	8-759-009-07	s IC MC14053BF
IC503	8-759-981-48	s IC TL082M
IC504	8-752-054-80	s IC CXA1521M
IC505	8-752-054-80	s IC CXA1521M
IC506	8-759-906-59	s IC CX22017
IC600	8-752-052-73	s IC CXA1451M
IC601	8-752-052-73	s IC CXA1451M
L1	1-412-533-21	s INDUCTOR 47uH
L2	1-412-533-21	s INDUCTOR 47uH
L3	1-412-533-21	s INDUCTOR 47uH
L4	1-412-533-21	s INDUCTOR 47uH
L5	1-412-533-21	s INDUCTOR 47uH
L6	1-412-533-21	s INDUCTOR 47uH
L100	1-408-614-31	s INDUCTOR 82uH
L101	1-410-482-31	s INDUCTOR 100uH
L102	1-410-482-31	s INDUCTOR 100uH
L103	1-408-613-31	s INDUCTOR 68uH
L104	1-410-478-11	s INDUCTOR 47uH
L105	1-410-478-11	s INDUCTOR 47uH
L106	1-410-478-11	s INDUCTOR 47uH
L107	1-410-478-11	s INDUCTOR 47uH
L108	1-410-478-11	s INDUCTOR 47uH
L109	1-410-482-31	s INDUCTOR 100uH
L110	1-410-482-31	s INDUCTOR 100uH
L111	1-410-478-11	s INDUCTOR 47uH
L112	1-410-478-11	s INDUCTOR 47uH
L200	1-410-478-11	s INDUCTOR 47uH
L201	1-410-478-11	s INDUCTOR 47uH
L202	1-410-478-11	s INDUCTOR 47uH
L300	1-408-607-31	s INDUCTOR 22uH
L301	1-408-607-31	s INDUCTOR 22uH
L302	1-410-482-31	s INDUCTOR 100uH
L303	1-410-482-31	s INDUCTOR 100uH
L304	1-410-482-31	s INDUCTOR 100uH
L305	1-410-482-31	s INDUCTOR 100uH
L306	1-410-482-31	s INDUCTOR 100uH
L307	1-410-478-11	s INDUCTOR 47uH
L308	1-410-478-11	s INDUCTOR 47uH
L309	1-410-478-11	s INDUCTOR 47uH
L400	1-410-482-31	s INDUCTOR 100uH
L401	1-410-482-31	s INDUCTOR 100uH
L402	1-410-482-31	s INDUCTOR 100uH
L403	1-410-482-31	s INDUCTOR 100uH
L404	1-410-482-31	s INDUCTOR 100uH
L405	1-410-482-31	s INDUCTOR 100uH
L406	1-410-478-11	s INDUCTOR 47uH
L407	1-410-476-11	s INDUCTOR 33uH
L408	1-410-482-31	s INDUCTOR 100uH
L409	1-410-482-31	s INDUCTOR 100uH
L410	1-410-478-11	s INDUCTOR 47uH
L500	1-410-482-31	s INDUCTOR 100uH
L501	1-410-482-31	s INDUCTOR 100uH
L502	1-410-482-31	s INDUCTOR 100uH
L503	1-410-482-31	s INDUCTOR 100uH
L504	1-410-482-31	s INDUCTOR 100uH
L505	1-410-482-31	s INDUCTOR 100uH
L506	1-410-482-31	s INDUCTOR 100uH

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Ref. No. or Q'ty	Part No.	SP Description
L507	1-408-608-31	s INDUCTOR 27uH
L508	1-408-608-31	s INDUCTOR 27uH
L509	1-408-608-31	s INDUCTOR 27uH
L510	1-408-608-31	s INDUCTOR 27uH
L511	1-408-607-31	s INDUCTOR 22uH
L512	1-408-607-31	s INDUCTOR 22uH
L600	1-410-482-31	s INDUCTOR 100uH
L601	1-410-476-11	s INDUCTOR 33uH
L602	1-410-476-11	s INDUCTOR 33uH
L603	1-410-482-31	s INDUCTOR 100uH
L604	1-410-482-31	s INDUCTOR 100uH
PS1	△ 1-532-984-11	s LINK, IC 2A
PS2	△ 1-532-984-11	s LINK, IC 2A
PS3	△ 1-532-984-11	s LINK, IC 2A
PS4	△ 1-532-984-11	s LINK, IC 2A
PS5	△ 1-532-984-11	s LINK, IC 2A
PS6	△ 1-532-984-11	s LINK, IC 2A
Q100	8-729-117-32	s TRANSISTOR 2SC4177
Q101	8-729-117-32	s TRANSISTOR 2SC4177
Q102	8-729-117-32	s TRANSISTOR 2SC4177
Q103	8-729-117-32	s TRANSISTOR 2SC4177
Q104	8-729-117-32	s TRANSISTOR 2SC4177
Q105	8-729-117-32	s TRANSISTOR 2SC4177
Q106	8-729-904-41	s TRANSISTOR FMY3
Q107	8-729-117-32	s TRANSISTOR 2SC4177
Q108	8-729-117-32	s TRANSISTOR 2SC4177
Q109	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q110	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q111	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q112	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q113	8-729-117-32	s TRANSISTOR 2SC4177
Q114	8-729-117-32	s TRANSISTOR 2SC4177
Q115	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q116	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q300	8-729-117-32	s TRANSISTOR 2SC4177
Q301	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q302	8-729-117-32	s TRANSISTOR 2SC4177
Q303	8-729-117-32	s TRANSISTOR 2SC4177
Q400	8-729-117-32	s TRANSISTOR 2SC4177
Q401	8-729-923-06	s TRANSISTOR FMW-8
Q402	8-729-904-04	s TRANSISTOR FMS2
Q403	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q404	8-729-903-82	s TRANSISTOR FMW2
Q405	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q406	8-729-931-46	s TRANSISTOR FMW7
Q407	8-729-907-26	s TRANSISTOR IMX1
Q408	8-729-117-32	s TRANSISTOR 2SC4177
Q409	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q410	8-729-117-32	s TRANSISTOR 2SC4177
Q411	8-729-117-32	s TRANSISTOR 2SC4177
Q412	8-729-117-32	s TRANSISTOR 2SC4177
Q413	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q414	8-729-117-32	s TRANSISTOR 2SC4177
Q415	8-729-904-41	s TRANSISTOR FMY3
Q416	8-729-904-41	s TRANSISTOR FMY3
Q417	8-729-117-32	s TRANSISTOR 2SC4177
Q500	8-729-117-32	s TRANSISTOR 2SC4177



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Ref. No. or Q'ty	Part No.	SP Description
Q501	8-729-117-32	s TRANSISTOR 2SC4177
Q502	8-729-923-06	s TRANSISTOR FMW-8
Q503	8-729-923-06	s TRANSISTOR FMW-8
Q504	8-729-904-04	s TRANSISTOR FMS2
Q505	8-729-904-04	s TRANSISTOR FMS2
Q506	8-729-903-82	s TRANSISTOR FMW2
Q507	8-729-903-82	s TRANSISTOR FMW2
Q508	8-729-931-46	s TRANSISTOR FMW7
Q509	8-729-931-46	s TRANSISTOR FMW7
Q510	8-729-907-26	s TRANSISTOR IMX1
Q511	8-729-907-26	s TRANSISTOR IMX1
Q512	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q513	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q514	8-729-117-32	s TRANSISTOR 2SC4177
Q515	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q516	8-729-117-32	s TRANSISTOR 2SC4177
Q517	8-729-117-32	s TRANSISTOR 2SC4177
Q518	8-729-117-32	s TRANSISTOR 2SC4177
Q519	8-729-117-32	s TRANSISTOR 2SC4177
Q520	8-729-117-32	s TRANSISTOR 2SC4177
Q521	8-729-117-32	s TRANSISTOR 2SC4177
Q522	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q523	8-729-903-82	s TRANSISTOR FMW2
Q524	8-729-903-82	s TRANSISTOR FMW2
Q600	8-729-117-32	s TRANSISTOR 2SC4177
Q601	8-729-117-32	s TRANSISTOR 2SC4177
Q602	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q603	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q604	8-729-117-32	s TRANSISTOR 2SC4177
Q605	8-729-117-32	s TRANSISTOR 2SC4177
Q606	8-729-117-32	s TRANSISTOR 2SC4177
Q607	8-729-117-32	s TRANSISTOR 2SC4177
Q608	8-729-422-44	s TRANSISTOR 2SK663
Q609	8-729-422-44	s TRANSISTOR 2SK663
Q610	8-729-422-44	s TRANSISTOR 2SK663
Q611	8-729-422-44	s TRANSISTOR 2SK663
Q612	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q613	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
R100	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R101	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R102	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R103	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R104	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R105	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R106	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R107	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R108	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R109	1-208-814-91	s METAL, CHIP 22k 0.5% 1/10W
R110	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R111	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R112	1-216-051-00	s METAL, CHIP 1.2k 5% 1/10W
R113	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R114	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R115	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R116	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R117	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R118	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R119	1-216-025-91	s METAL, CHIP 100 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R120	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R121	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R122	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R123	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R124	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R125	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R126	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R127	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10
R128	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R129	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R130	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R131	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R132	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R133	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R134	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R135	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R136	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R137	1-208-796-11	s METAL, CHIP 3.9k 0.5% 1/10W
R139	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R140	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R141	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R143	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R144	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R145	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R146	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R147	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R148	1-216-655-11	s METAL, CHIP 1.5k 0.5% 1/10W
R149	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R150	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R151	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R153	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R154	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R155	1-216-047-91	s METAL, CHIP 820 5% 1/10W
R156	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R157	1-208-755-11	s METAL, CHIP 75 0.5% 1/10W
R158	1-216-059-00	s METAL, CHIP 2.7k 5% 1/10W
R159	1-208-814-91	s METAL, CHIP 22k 0.5% 1/10W
R160	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R161	1-208-814-91	s METAL, CHIP 22k 0.5% 1/10W
R162	1-216-069-00	s METAL, CHIP 6.8k 5% 1/10W
R163	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R164	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R165	1-216-117-00	s METAL, CHIP 680k 5% 1/10W
R167	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R168	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10
R169	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R170	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R171	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R172	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R173	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R174	1-216-093-91	s METAL, CHIP 68k 5% 1/10W
R175	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R176	1-208-797-11	s METAL, CHIP 4.3k 0.5% 1/10W
R177	1-216-061-00	s METAL, CHIP 3.3k 5% 1/10W
R178	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R179	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R180	1-208-814-91	s METAL, CHIP 22k 0.5% 1/10W
R181	1-208-814-91	s METAL, CHIP 22k 0.5% 1/10W
R182	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R183	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R184	1-208-818-11	s METAL, CHIP 33k 0.5% 1/10W
R185	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R186	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R187	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R188	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R189	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R190	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R191	1-208-818-11	s METAL, CHIP 33k 0.5% 1/10W
R194	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R196	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R198	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R199	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R200	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R201	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R203	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R206	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R208	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R210	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R211	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R212	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R214	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R215	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R216	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R217	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R218	1-216-013-00	s METAL, CHIP 33 5% 1/10W
R300	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R301	1-208-796-11	s METAL, CHIP 3.9k 0.5% 1/10W
R302	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R303	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R304	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R305	1-208-783-11	s METAL, CHIP 1.1k 0.5% 1/10W
R306	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R308	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R310	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R311	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R312	1-216-051-00	s METAL, CHIP 1.2k 5% 1/10W
R313	1-216-051-00	s METAL, CHIP 1.2k 5% 1/10W
R314	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R315	1-216-063-91	s METAL, CHIP 3.9k 5% 1/10W
R316	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R317	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R318	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R319	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R320	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R321	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R322	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R323	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R324	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R325	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R326	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R327	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R328	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R329	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R330	1-216-053-00	s METAL, CHIP 1.5k 5% 1/10W
R331	1-216-053-00	s METAL, CHIP 1.5k 5% 1/10W
R332	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R333	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R334	1-216-081-00	s METAL, CHIP 22k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R335	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R336	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R337	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R338	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R345	1-208-809-11	s METAL, CHIP 13k 0.5% 1/10W
R346	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R347	1-208-809-11	s METAL, CHIP 13k 0.5% 1/10W
R348	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R349	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R350	1-208-792-11	s METAL, CHIP 2.7k 0.5% 1/10W
R351	1-208-792-11	s METAL, CHIP 2.7k 0.5% 1/10W
R352	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R353	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R354	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R355	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R356	1-208-809-11	s METAL, CHIP 13k 0.5% 1/10W
R357	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R358	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R359	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R360	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R361	1-208-804-11	s METAL, CHIP 8.2k 0.5% 1/10W
R362	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R363	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R364	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R365	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R366	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R367	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R368	1-208-792-11	s METAL, CHIP 2.7k 0.5% 1/10W
R369	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R370	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R371	1-208-796-11	s METAL, CHIP 3.9k 0.5% 1/10W
R372	1-208-796-11	s METAL, CHIP 3.9k 0.5% 1/10W
R373	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R374	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R375	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R376	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R377	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R378	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R379	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R380	1-208-776-11	s METAL, CHIP 560 0.5% 1/10W
R381	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R382	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R383	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R384	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R385	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R386	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R387	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R388	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R389	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R390	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R391	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R392	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R400	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R401	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R402	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R403	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R404	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R405	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R406	1-216-049-91	s METAL, CHIP 1k 5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R407	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R408	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R409	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R410	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R411	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R412	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R413	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R414	1-216-077-00 s	METAL, CHIP 15k 5% 1/10W
R415	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R416	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R417	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R418	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R419	1-216-027-00 s	METAL, CHIP 120 5% 1/10W
R420	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R421	1-208-778-11 s	METAL, CHIP 680 0.5% 1/10W
R422	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R423	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R424	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R425	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R426	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R427	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R428	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R429	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R430	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R431	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R432	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R433	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R434	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R435	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R436	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R437	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R438	1-216-053-00 s	METAL, CHIP 1.5k 5% 1/10W
R439	1-216-113-00 s	METAL, CHIP 470k 5% 1/10W
R440	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R441	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R442	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R443	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R444	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R445	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R446	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R447	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R448	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R449	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R450	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R451	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R452	1-208-765-11 s	METAL, CHIP 200 0.5% 1/10W
R453	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R454	1-216-655-11 s	METAL, CHIP 1.5k 0.5% 1/10W
R455	1-208-788-11 s	METAL, CHIP 1.8k 0.5% 1/10W
R456	1-216-053-00 s	METAL, CHIP 1.5k 5% 1/10W
R457	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R458	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R459	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R460	1-208-776-11 s	METAL, CHIP 560 0.5% 1/10W
R461	1-208-778-11 s	METAL, CHIP 680 0.5% 1/10W
R462	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R463	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R464	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R465	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W

## (DEN-5P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
R466	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R467	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R468	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R469	1-208-798-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R470	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R471	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R472	1-216-095-00 s	METAL, CHIP 82k 5% 1/10W
R473	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R474	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R475	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R476	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R477	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R478	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R479	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R480	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R500	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R501	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R502	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R503	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R504	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R505	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R506	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R507	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R508	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R509	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R510	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R511	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R512	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R513	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R514	1-216-077-00 s	METAL, CHIP 15k 5% 1/10W
R515	1-216-077-00 s	METAL, CHIP 15k 5% 1/10W
R516	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R517	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R518	1-216-027-00 s	METAL, CHIP 120 5% 1/10W
R519	1-216-027-00 s	METAL, CHIP 120 5% 1/10W
R520	1-208-813-11 s	METAL, CHIP 20k 0.5% 1/10W
R523	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R524	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R525	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R526	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R527	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R528	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R529	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R530	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R531	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R532	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R533	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R534	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R535	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R536	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R537	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R538	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R539	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R540	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R541	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R542	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R543	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R544	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R545	1-216-025-91 s	METAL, CHIP 100 5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R546	1-208-788-11	s METAL, CHIP 1.8k 0.5% 1/10W
R547	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R548	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R549	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R550	1-216-047-91	s METAL, CHIP 820 5% 1/10W
R551	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R552	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R553	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R554	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R555	1-216-075-00	s METAL, CHIP 12k 5% 1/10W
R556	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R557	1-216-079-00	s METAL, CHIP 18k 5% 1/10W
R558	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R559	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R561	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R562	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R563	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R564	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R565	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R566	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R567	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R568	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R569	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R570	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R571	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R572	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R573	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R574	1-208-778-11	s METAL, CHIP 680 0.5% 1/10W
R575	1-208-797-11	s METAL, CHIP 4.3k 0.5% 1/10W
R576	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R577	1-208-792-11	s METAL, CHIP 2.7k 0.5% 1/10W
R578	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R579	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R580	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R581	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R600	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R601	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R602	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R603	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R604	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R605	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R606	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R607	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R608	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R609	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R610	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R611	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R612	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R613	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R614	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R615	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R616	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R617	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R618	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R619	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R620	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R621	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R622	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R623	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R624	1-208-787-11	s METAL, CHIP 1.6k 0.5% 1/10W
R625	1-208-787-11	s METAL, CHIP 1.6k 0.5% 1/10W
R626	1-208-788-11	s METAL, CHIP 1.8k 0.5% 1/10W
R627	1-208-788-11	s METAL, CHIP 1.8k 0.5% 1/10W
R628	1-208-755-11	s METAL, CHIP 75 0.5% 1/10W
R629	1-208-755-11	s METAL, CHIP 75 0.5% 1/10W
R891	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R892	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R1100	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R1102	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R1103	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R1104	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R1105	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R1106	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R1107	1-216-051-00	s METAL, CHIP 1.2k 5% 1/10W
R1108	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R1109	1-216-051-00	s METAL, CHIP 1.2k 5% 1/10W
R1110	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R1111	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R1112	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R1113	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R1114	1-216-069-00	s METAL, CHIP 6.8k 5% 1/10W
R1115	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1116	1-216-071-00	s METAL, CHIP 8.2k 5% 1/10W
R1117	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1118	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R1119	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R1120	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R1121	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R1123	1-216-117-00	s METAL, CHIP 680k 5% 1/10W
R1124	1-208-775-11	s METAL, CHIP 510 0.5% 1/10W
R1125	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R1126	1-208-766-11	s METAL, CHIP 220 0.5% 1/10W
R1127	1-208-796-11	s METAL, CHIP 3.9k 0.5% 1/10W
R1128	1-208-766-11	s METAL, CHIP 220 0.5% 1/10W
R1129	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R1130	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R1131	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R1132	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R1133	1-208-750-11	s METAL, CHIP 47 0.5% 1/10W
R1134	1-208-750-11	s METAL, CHIP 47 0.5% 1/10W
R1135	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1136	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R1139	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R1141	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1142	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1143	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R1144	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1145	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1146	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1147	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R1148	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1149	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1150	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R1151	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R1152	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1153	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R1154	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R1155	1-208-823-11	s METAL, CHIP 51k 0.5% 1/10W



## (DEN-5P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
R1156	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R1158	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R1159	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R1160	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R1162	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R1163	1-216-105-91 s	METAL, CHIP 220k 5% 1/10W
R1164	1-216-059-00 s	METAL, CHIP 2.7k 5% 1/10W
R1165	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R1166	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R1167	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R1169	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R1171	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R1172	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R1173	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R1175	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R1177	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R1179	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R1180	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R1182	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
RB100	1-233-237-11 s	RESISTOR BLOCK, CHIP 100k x 4
RB101	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB102	1-239-999-11 s	RESISTOR BLOCK, CHIP 1k x 4
RB204	1-233-236-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB206	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB211	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB212	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB213	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB500	1-233-234-11 s	RESISTOR BLOCK, CHIP 2.2k x 4
RB891	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB892	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB893	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB894	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RV100	1-241-263-11 s	RES, ADJ, METAL 5k
RV101	1-237-034-11 s	RES, ADJ, METAL 2k
RV102	1-237-033-11 s	RES, ADJ, METAL 1k
RV103	1-241-264-11 s	RES, ADJ, METAL 10k
RV104	1-241-265-11 s	RES, ADJ, METAL 20k
RV105	1-241-264-11 s	RES, ADJ, METAL 10k
RV106	1-241-263-11 s	RES, ADJ, METAL 5k
RV200	1-237-032-11 s	RES, ADJ, METAL 500
RV201	1-241-258-11 s	RES, ADJ, METAL 100
RV300	1-241-263-11 s	RES, ADJ, METAL 5k
RV301	1-241-263-11 s	RES, ADJ, METAL 5k
RV302	1-241-262-11 s	RES, ADJ, METAL 2k
RV400	1-237-032-11 s	RES, ADJ, METAL 500
RV401	1-237-030-11 s	RES, ADJ, METAL 100
RV402	1-237-033-11 s	RES, ADJ, METAL 1k
RV403	1-241-266-11 s	RES, ADJ, METAL 50k
RV404	1-241-266-11 s	RES, ADJ, METAL 50k
RV405	1-241-263-11 s	RES, ADJ, METAL 5k
RV406	1-241-263-11 s	RES, ADJ, METAL 5k
RV407	1-241-262-11 s	RES, ADJ, METAL 2k
RV500	1-241-263-11 s	RES, ADJ, METAL 5k
RV501	1-241-263-11 s	RES, ADJ, METAL 5k
RV502	1-241-264-11 s	RES, ADJ, METAL 10k
RV504	1-237-033-11 s	RES, ADJ, METAL 1k
RV505	1-241-262-11 s	RES, ADJ, METAL 2k
RV506	1-241-262-11 s	RES, ADJ, METAL 2k

## (DEN-5P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP Description
S200	1-572-855-11 s	SWITCH, SLIDE
TH100	1-807-972-11 s	THERMISTOR 1.25k
TH500	1-807-972-11 s	THERMISTOR 1.25k
X100	1-760-457-11 s	VIBRATOR, CRYSTAL (VCO)
X101	1-767-262-11 s	CRYSTAL 27.00MHz
X102	1-760-457-11 s	VIBRATOR, CRYSTAL (VCO)
X300	1-767-260-11 s	CRYSTAL 13.50MHz
X301	1-767-260-11 s	CRYSTAL 13.50MHz
X302	1-767-260-11 s	CRYSTAL 13.50MHz



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DV-16 BOARD(DSR-85/85P)  
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(DV-16 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-874-A	s MOUNTED CIRCUIT BOARD, DV-16
1pc	7-621-759-45	s +PSW, 2.6x6
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
C113	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C114	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C115	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C116	1-104-664-11	s ELECT 47uF 20% 25V
C117	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C118	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C119	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C120	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C121	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C122	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C123	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C124	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C125	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C126	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C127	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C128	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C129	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C130	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C131	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C132	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C133	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C134	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C135	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C136	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C137	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C138	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C139	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C140	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C141	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C142	1-104-664-11	s ELECT 47uF 20% 25V
C143	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C144	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C145	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C146	1-104-664-11	s ELECT 47uF 20% 25V
C147	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C148	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C149	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C150	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C151	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C152	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C153	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C201	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C202	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C203	1-104-664-11	s ELECT 47uF 20% 25V
C204	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C205	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C206	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C207	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C208	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C209	1-126-959-11	s ELECT 0.47uF 20% 50V
C210	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C213	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C214	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V

Ref. No. or Q'ty	Part No.	SP Description
C215	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C216	1-104-664-11	s ELECT 47uF 20% 25V
C217	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C219	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C220	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C221	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C222	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C223	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C224	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C225	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C226	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C227	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C228	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C229	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C230	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C231	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C232	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C233	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C234	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C235	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C236	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C301	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C302	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C303	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C304	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C305	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C306	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C308	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C309	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C310	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C312	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C313	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C314	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C315	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C316	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C317	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C318	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C319	1-104-664-11	s ELECT 47uF 20% 25V
C320	1-104-664-11	s ELECT 47uF 20% 25V
C321	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C322	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C323	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C325	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C327	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C328	1-104-664-11	s ELECT 47uF 20% 25V
C329	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C334	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C335	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C339	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C340	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C341	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C342	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C343	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C344	1-131-349-00	s TANTALUM 2.2uF 10% 35V
C345	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C346	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V







## (DV-16 BOARD(DSR-85/85P))

## (DV-16 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C710	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C711	1-104-664-11	s ELECT 47uF 20% 25V
C712	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C714	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C715	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C716	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C718	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C719	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C720	1-104-664-11	s ELECT 47uF 20% 25V
C721	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C901	1-126-934-11	s ELECT 220uF 20% 16V
C902	1-126-934-11	s ELECT 220uF 20% 16V
C903	1-126-934-11	s ELECT 220uF 20% 16V
C904	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C905	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C906	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
CN111	1-778-262-12	o CONNECTOR, BB 148P, MALE
CN201	1-564-532-11	o CONNECTOR, PS 16P, MALE
CP302	1-117-211-11	s CERAMIC, CHIP 470pF 10% 50V
CT301	1-141-322-11	s CAP, VAR TRIMMER CHIP
CT501	1-141-322-11	s CAP, VAR TRIMMER CHIP
D201	8-719-027-95	s DIODE HSM88WK
D202	8-719-041-39	s DIODE KV1470
D203	8-719-404-35	s DIODE MA141WK
D301	8-719-041-39	s DIODE KV1470
D302	8-719-027-95	s DIODE HSM88WK
D303	8-719-404-35	s DIODE MA141WK
E301	1-535-881-21	o TERMINAL, TP
E501	1-535-881-21	o TERMINAL, TP
FL201	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL202	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL203	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL301	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL302	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL401	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL402	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL403	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL601	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
IC101	8-759-186-77	s IC TC74VHC541F
IC102	8-759-186-44	s IC TC74VHC125F
IC103	8-759-186-44	s IC TC74VHC125F
IC104	8-759-186-44	s IC TC74VHC125F
IC105	8-759-186-44	s IC TC74VHC125F
IC106	8-759-271-86	s IC TC7SH04FU
IC109	8-759-186-77	s IC TC74VHC541F
IC118	8-759-297-80	s IC MSM514222B-30GS-KR1
IC119	8-759-297-80	s IC MSM514222B-30GS-KR1
IC120	8-759-297-80	s IC MSM514222B-30GS-KR1
IC121	8-759-297-80	s IC MSM514222B-30GS-KR1
IC122	8-759-297-80	s IC MSM514222B-30GS-KR1
IC123	8-759-297-80	s IC MSM514222B-30GS-KR1
IC124	8-759-297-80	s IC MSM514222B-30GS-KR1
IC125	8-759-297-80	s IC MSM514222B-30GS-KR1
IC126	8-759-297-80	s IC MSM514222B-30GS-KR1
IC127	8-759-297-80	s IC MSM514222B-30GS-KR1

Ref. No. or Q'ty	Part No.	SP Description
IC128	8-759-297-80	s IC MSM514222B-30GS-KR1
IC129	8-759-297-80	s IC MSM514222B-30GS-KR1
IC130	8-759-297-80	s IC MSM514222B-30GS-KR1
IC131	8-759-297-80	s IC MSM514222B-30GS-KR1
IC132	8-759-297-80	s IC MSM514222B-30GS-KR1
IC133	8-759-297-80	s IC MSM514222B-30GS-KR1
IC134	8-759-523-95	s IC TC74VHC74FT(EL)
IC201	8-759-392-01	s IC TC7SH86FU-TE85R
IC202	8-759-081-44	s IC TC74VHC04F
IC203	8-752-379-36	s IC CXD2189AR
IC204	8-759-337-30	s IC UPD482445LGW-B10-E2
IC205	8-759-385-90	s IC CXD2187AR
IC206	8-759-186-63	s IC TC74VHC245F(EL)
IC207	8-759-186-63	s IC TC74VHC245F(EL)
IC208	8-759-186-63	s IC TC74VHC245F(EL)
IC209	8-759-186-63	s IC TC74VHC245F(EL)
IC210	8-759-186-63	s IC TC74VHC245F(EL)
IC211	8-752-379-36	s IC CXD2189AR
IC212	8-752-379-36	s IC CXD2189AR
IC213	8-752-379-36	s IC CXD2189AR
IC301	8-759-175-27	s IC TC74VHC574F
IC302	8-759-175-27	s IC TC74VHC574F
IC303	8-759-175-27	s IC TC74VHC574F
IC304	8-759-175-27	s IC TC74VHC574F
IC305	8-759-167-20	s IC UPD42280GU-30
IC306	8-759-167-20	s IC UPD42280GU-30
IC307	8-759-186-77	s IC TC74VHC541F
IC308	8-759-196-97	s IC TC7SH32FU-TE85R
IC309	8-759-447-98	s IC CXD8627AR
IC310	8-759-167-20	s IC UPD42280GU-30
IC311	8-759-167-20	s IC UPD42280GU-30
IC312	8-759-186-77	s IC TC74VHC541F
IC313	8-759-186-77	s IC TC74VHC541F
IC314	8-759-167-20	s IC UPD42280GU-30
IC315	8-759-167-20	s IC UPD42280GU-30
IC316	8-759-186-77	s IC TC74VHC541F
IC317	8-759-186-77	s IC TC74VHC541F
IC318	8-759-186-77	s IC TC74VHC541F
IC319	8-759-186-77	s IC TC74VHC541F
IC320	8-752-375-05	s IC CXD2191R-T6
IC321	8-759-523-95	s IC TC74VHC74FT(EL)
IC323	8-759-186-63	s IC TC74VHC245F(EL)
IC324	8-759-186-63	s IC TC74VHC245F(EL)
IC401	8-759-186-63	s IC TC74VHC245F(EL)
IC402	8-759-186-63	s IC TC74VHC245F(EL)
IC403	8-759-186-63	s IC TC74VHC245F(EL)
IC404	8-759-328-28	s IC ZA4024
IC405	8-752-378-68	s IC CXD3101R
IC406	8-759-328-28	s IC ZA4024
IC407	8-759-426-26	s IC CXD8608R
IC515	8-759-297-80	s IC MSM514222B-30GS-KR1
IC516	8-759-297-80	s IC MSM514222B-30GS-KR1
IC517	8-759-297-80	s IC MSM514222B-30GS-KR1
IC518	8-759-297-80	s IC MSM514222B-30GS-KR1
IC519	8-759-297-80	s IC MSM514222B-30GS-KR1
IC520	8-759-297-80	s IC MSM514222B-30GS-KR1
IC521	8-759-297-80	s IC MSM514222B-30GS-KR1
IC522	8-759-297-80	s IC MSM514222B-30GS-KR1
IC523	8-759-297-80	s IC MSM514222B-30GS-KR1



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Ref. No. or Q'ty	Part No.	SP Description
IC524	8-759-297-80	s IC MSM514222B-30GS-KR1
IC525	8-759-297-80	s IC MSM514222B-30GS-KR1
IC526	8-759-297-80	s IC MSM514222B-30GS-KR1
IC527	8-759-297-80	s IC MSM514222B-30GS-KR1
IC528	8-759-297-80	s IC MSM514222B-30GS-KR1
IC529	8-759-297-80	s IC MSM514222B-30GS-KR1
IC530	8-759-297-80	s IC MSM514222B-30GS-KR1
IC532	8-759-012-13	s IC MC10H125M
IC533	8-759-012-13	s IC MC10H125M
IC534	8-759-196-97	s IC TC7SH32FU-TE85R
IC535	8-759-271-86	s IC TC7SH04FU
IC536	8-759-012-02	s IC MC10H124M
IC537	8-759-012-02	s IC MC10H124M
IC538	8-759-012-02	s IC MC10H124M
IC539	8-759-422-52	s IC MC10H102MEL
IC540	8-759-523-95	s IC TC74VHC74FT(EL)
IC541	8-759-523-95	s IC TC74VHC74FT(EL)
IC542	8-759-523-79	s IC TC74VHC02FT(EL)
IC543	8-759-523-94	s IC TC74VHC32FT(EL)
IC601	8-759-186-77	s IC TC74VHC541F
IC602	8-759-186-63	s IC TC74VHC245F(EL)
IC603	8-759-186-63	s IC TC74VHC245F(EL)
IC604	8-759-186-63	s IC TC74VHC245F(EL)
IC605	8-759-186-63	s IC TC74VHC245F(EL)
IC606	8-759-271-86	s IC TC7SH04FU
IC607	8-759-337-30	s IC UPD482445LGW-B10-E2
IC608	8-759-385-90	s IC CXD2187AR
IC609	8-752-379-36	s IC CXD2189AR
IC610	8-752-379-36	s IC CXD2189AR
IC611	8-752-379-36	s IC CXD2189AR
IC612	8-752-379-36	s IC CXD2189AR
IC701	8-759-186-63	s IC TC74VHC245F(EL)
IC702	8-759-186-63	s IC TC74VHC245F(EL)
IC703	8-759-186-63	s IC TC74VHC245F(EL)
IC704	8-759-186-63	s IC TC74VHC245F(EL)
IC705	8-759-328-28	s IC ZA4024
IC707	8-752-378-68	s IC CXD3101R
IC708	8-759-328-28	s IC ZA4024
IC709	8-759-426-26	s IC CXD8608R
L101	1-410-470-11	s INDUCTOR 10uH
L102	1-410-470-11	s INDUCTOR 10uH
L103	1-410-470-11	s INDUCTOR 10uH
L104	1-410-470-11	s INDUCTOR 10uH
L201	1-410-470-11	s INDUCTOR 10uH
L202	1-414-107-51	s INDUCTOR 0.56uH
L203	1-410-470-11	s INDUCTOR 10uH
L204	1-410-470-11	s INDUCTOR 10uH
L205	1-410-470-11	s INDUCTOR 10uH
L301	1-410-470-11	s INDUCTOR 10uH
L302	1-410-470-11	s INDUCTOR 10uH
L303	1-410-478-11	s INDUCTOR 47uH
L304	1-414-109-61	s INDUCTOR 0.82uH
L306	1-410-470-11	s INDUCTOR 10uH
L307	1-410-470-11	s INDUCTOR 10uH
L401	1-410-470-11	s INDUCTOR 10uH
L402	1-410-470-11	s INDUCTOR 10uH
L403	1-410-470-11	s INDUCTOR 10uH
L501	1-410-470-11	s INDUCTOR 10uH
L502	1-410-470-11	s INDUCTOR 10uH

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Ref. No. or Q'ty	Part No.	SP Description
L503	1-410-470-11	s INDUCTOR 10uH
L504	1-410-470-11	s INDUCTOR 10uH
L505	1-410-470-11	s INDUCTOR 10uH
L506	1-410-733-11	s INDUCTOR, CHIP 0.22uH
L507	1-410-470-11	s INDUCTOR 10uH
L508	1-412-170-11	s INDUCTOR 0.47uH
L601	1-410-470-11	s INDUCTOR 10uH
L602	1-410-470-11	s INDUCTOR 10uH
L603	1-410-470-11	s INDUCTOR 10uH
L701	1-410-470-11	s INDUCTOR 10uH
L702	1-410-470-11	s INDUCTOR 10uH
L703	1-410-470-11	s INDUCTOR 10uH
L901	1-412-533-21	s INDUCTOR 47uH
L902	1-412-533-21	s INDUCTOR 47uH
L903	1-412-533-21	s INDUCTOR 47uH
PS901	Δ 1-532-686-21	s LINK, IC 2.7A
PS902	Δ 1-532-686-21	s LINK, IC 2.7A
PS903	Δ 1-532-686-21	s LINK, IC 2.7A
Q501	8-729-107-31	s TRANSISTOR 2SC3545-T43
Q502	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
R120	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R121	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R122	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R123	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R124	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R125	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R126	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R127	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R128	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R129	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R130	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R131	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R132	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R134	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R135	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R137	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R138	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R139	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R140	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R141	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R142	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R143	1-216-009-91	s METAL, CHIP 22 5% 1/10W
R144	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R145	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R146	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R147	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R201	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R202	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R205	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R206	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R207	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R208	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R209	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R210	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R211	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R212	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R213	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R214	1-216-089-91	s METAL, CHIP 47k 5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R215	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R216	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R217	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R218	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R220	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R221	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R222	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R223	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R224	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R225	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R226	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R227	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R228	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R229	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R230	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R234	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R238	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R242	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R243	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R244	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R245	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R246	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R247	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R249	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R250	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R252	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R253	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R255	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R256	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R301	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R304	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R305	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R306	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R307	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R308	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R309	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R310	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R311	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R312	1-216-129-00	s METAL, CHIP 2.2M 5% 1/10W
R313	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R314	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R315	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R316	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R317	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R318	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R320	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R321	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R322	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R323	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R324	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R325	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R326	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R327	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R328	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R329	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R330	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R331	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R332	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R334	1-216-295-91	s METAL, CHIP 0 5% 1/10W

## (DV-16 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R336	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R338	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R340	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R342	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R343	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R344	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R345	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R347	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R353	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R355	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R356	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R358	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R401	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R404	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R405	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R407	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R410	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R411	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R412	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R413	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R414	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R415	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R416	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R417	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R419	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R501	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R504	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R505	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R506	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R507	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R508	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R509	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R510	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R511	1-216-673-11	s METAL, CHIP 8.2k 0.5% 1/10W
R512	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R513	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R514	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R515	1-216-681-11	s METAL, CHIP 18k 0.5% 1/10W
R516	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R517	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R518	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R519	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R520	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R521	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R522	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R523	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R524	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R525	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R526	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R527	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R528	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R529	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R530	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R531	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R532	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R533	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R534	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R535	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R536	1-216-039-00	s METAL, CHIP 390 5% 1/10W



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Ref. No. or Q'ty	Part No.	SP	Description
R703	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R704	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R706	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R707	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R708	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R709	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R711	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R712	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R714	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R715	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R716	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R718	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R719	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R901	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R902	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R903	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R904	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R905	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R906	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R907	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R908	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R909	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R910	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R911	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R912	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R913	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R914	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R915	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R916	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R917	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R918	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R919	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R920	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R921	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R922	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R923	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R924	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R925	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R926	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R927	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R928	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R929	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R930	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R931	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R932	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R933	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R934	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R935	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R936	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R937	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R938	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R939	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R946	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R947	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R948	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
RB201	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB202	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB203	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB204	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4



## (DV-16 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
RB205	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB206	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB207	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB208	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB209	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB210	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB211	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB212	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB213	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB214	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB215	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB216	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB302	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB606	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB607	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB608	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB609	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB610	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB611	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB612	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB613	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
S101	1-572-971-31	s SWITCH, SLIDE
X501	1-767-263-11	s CRYSTAL 83.471313MHz

## EQ-57 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-876-B	s MOUNTED CIRCUIT BOARD, EQ-57
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
C1	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C2	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C3	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C4	1-126-393-11	s ELECT, CHIP 33uF 20% 10V
C5	1-126-393-11	s ELECT, CHIP 33uF 20% 10V
C8	1-126-393-11	s ELECT, CHIP 33uF 20% 10V
C12	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C16	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C24	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C32	1-126-393-11	s ELECT, CHIP 33uF 20% 10V
C44	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C100	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C101	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C102	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C103	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C104	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C105	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C106	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C107	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C108	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C109	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C110	1-163-253-11	s CERAMIC, CHIP 120pF 5% 50V
C111	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C112	1-163-233-11	s CERAMIC, CHIP 18pF 5% 50V
C113	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C114	1-163-087-00	s CERAMIC, CHIP 4pF 50V
C115	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C116	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C117	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C118	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C119	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C120	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C121	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C122	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C123	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C124	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C125	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C126	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C127	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C128	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C129	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C130	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C131	1-164-182-11	s CERAMIC, CHIP 0.0033uF 10% 100V
C132	1-163-222-11	s CERAMIC 5pF 0.25pF 50V
C133	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C134	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C135	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C136	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C137	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C138	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C139	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C140	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C141	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C142	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C143	1-107-823-11	s CERAMIC, CHIP 0.47uF 10% 16V



## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C145	1-135-149-21	s TANTALUM, CHIP 2.2uF 10% 10V
C146	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C200	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C201	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C202	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C203	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C205	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C207	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C208	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C209	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C210	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C211	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C212	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C213	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C214	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C215	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C216	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C217	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C218	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C219	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C220	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C221	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C222	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C223	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C224	1-163-019-00	s CERAMIC, CHIP 0.0068uF 10% 50V
C225	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C226	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C229	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C232	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C233	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C234	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C237	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C239	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C240	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C245	1-164-182-11	s CERAMIC, CHIP 0.0033uF 10% 100V
C248	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C254	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C255	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C256	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C257	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C258	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C262	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C263	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C264	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C265	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C266	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C267	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C268	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C270	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C272	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C273	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C274	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C275	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C276	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C277	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C278	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C279	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C280	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C281	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V

## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C282	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C283	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C284	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C286	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C292	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C293	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C294	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C297	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C300	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C301	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C302	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C303	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C304	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C305	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C306	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C307	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C308	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C309	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C310	1-163-253-11	s CERAMIC, CHIP 120pF 5% 50V
C311	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C312	1-163-233-11	s CERAMIC, CHIP 18pF 5% 50V
C313	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C314	1-163-087-00	s CERAMIC, CHIP 4pF 50V
C315	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C316	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C317	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C318	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C319	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C320	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C321	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C322	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C323	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C324	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C325	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C326	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C327	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C328	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C329	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C330	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C331	1-164-182-11	s CERAMIC, CHIP 0.0033uF 10% 100V
C332	1-163-222-11	s CERAMIC 5pF 0.25pF 50V
C333	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C334	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C335	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C336	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C337	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C338	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C339	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C340	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C341	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C342	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C343	1-107-823-11	s CERAMIC, CHIP 0.47uF 10% 16V
C345	1-135-149-21	s TANTALUM, CHIP 2.2uF 10% 10V
C346	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C400	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C401	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C402	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C403	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C405	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V



## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C407	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C408	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C409	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C410	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C411	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C412	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C413	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C414	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C415	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C416	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C417	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C418	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C419	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C420	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C421	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C422	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C423	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C424	1-163-019-00	s CERAMIC, CHIP 0.0068uF 10% 50V
C425	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C426	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C429	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C432	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C433	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C434	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C437	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C439	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C440	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C445	1-164-182-11	s CERAMIC, CHIP 0.0033uF 10% 100V
C448	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C454	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C455	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C456	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C457	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C458	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C462	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C463	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C464	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C465	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C466	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C467	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C468	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C470	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C472	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C479	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C480	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C481	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C482	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C483	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C484	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C486	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C492	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C493	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C494	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C497	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C500	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C501	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C502	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C503	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C504	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V

## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C505	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C506	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C507	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C508	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C509	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C510	1-163-253-11	s CERAMIC, CHIP 120pF 5% 50V
C511	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C512	1-163-233-11	s CERAMIC, CHIP 18pF 5% 50V
C513	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C514	1-163-087-00	s CERAMIC, CHIP 4pF 50V
C515	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C516	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C517	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C518	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C519	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C520	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C521	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C522	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C523	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C524	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C525	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C526	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C527	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C528	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C529	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C530	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C531	1-164-182-11	s CERAMIC, CHIP 0.0033uF 10% 100V
C532	1-163-222-11	s CERAMIC 5pF 0.25pF 50V
C533	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C534	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C535	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C536	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C537	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C538	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C539	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C540	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C541	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C542	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C543	1-107-823-11	s CERAMIC, CHIP 0.47uF 10% 16V
C545	1-135-149-21	s TANTALUM, CHIP 2.2uF 10% 10V
C546	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C600	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C601	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C602	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C603	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C605	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C607	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C608	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C609	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C610	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C611	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C612	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C613	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C614	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C615	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C616	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C617	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C618	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C619	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V



## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C620	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C621	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C622	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C623	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C624	1-163-019-00 s	CERAMIC, CHIP 0.0068uF 10% 50V
C625	1-163-113-00 s	CERAMIC, CHIP 68pF 5% 50V
C626	1-163-113-00 s	CERAMIC, CHIP 68pF 5% 50V
C629	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C632	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C633	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C634	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C637	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C639	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C640	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C645	1-164-182-11 s	CERAMIC, CHIP 0.0033uF 10% 100V
C648	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C654	1-126-394-11 s	ELECT, CHIP 10uF 20% 16V
C655	1-104-851-11 s	TANTALUM, CHIP 10uF 20% 10V
C656	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C657	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C658	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C662	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C663	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C664	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C665	1-126-394-11 s	ELECT, CHIP 10uF 20% 16V
C666	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C667	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C668	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C670	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C672	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C673	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C674	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C675	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C676	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C677	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C678	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C679	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C680	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C681	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C682	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C683	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C684	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C686	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C692	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C693	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C694	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C697	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C700	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C701	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C702	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C703	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C704	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C705	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C706	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C707	1-126-394-11 s	ELECT, CHIP 10uF 20% 16V
C708	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C709	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C710	1-163-253-11 s	CERAMIC, CHIP 120pF 5% 50V
C711	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V

## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C712	1-163-233-11 s	CERAMIC, CHIP 18pF 5% 50V
C713	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C714	1-163-087-00 s	CERAMIC, CHIP 4pF 50V
C715	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C716	1-126-394-11 s	ELECT, CHIP 10uF 20% 16V
C717	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C718	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C719	1-163-143-00 s	CERAMIC, CHIP 0.0012uF 5% 50V
C720	1-163-143-00 s	CERAMIC, CHIP 0.0012uF 5% 50V
C721	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C722	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C723	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C724	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C725	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C726	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C727	1-163-143-00 s	CERAMIC, CHIP 0.0012uF 5% 50V
C728	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C729	1-163-143-00 s	CERAMIC, CHIP 0.0012uF 5% 50V
C730	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C731	1-164-182-11 s	CERAMIC, CHIP 0.0033uF 10% 100V
C732	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V
C733	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C734	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C735	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C736	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C737	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C738	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C739	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C740	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C741	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C742	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C743	1-107-823-11 s	CERAMIC, CHIP 0.47uF 10% 16V
C745	1-135-149-21 s	TANTALUM, CHIP 2.2uF 10% 10V
C746	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C800	1-163-113-00 s	CERAMIC, CHIP 68pF 5% 50V
C801	1-126-394-11 s	ELECT, CHIP 10uF 20% 16V
C802	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C803	1-163-121-00 s	CERAMIC, CHIP 150pF 5% 50V
C805	1-163-121-00 s	CERAMIC, CHIP 150pF 5% 50V
C807	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C808	1-163-113-00 s	CERAMIC, CHIP 68pF 5% 50V
C809	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C810	1-163-113-00 s	CERAMIC, CHIP 68pF 5% 50V
C811	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C812	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C813	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C814	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C815	1-163-121-00 s	CERAMIC, CHIP 150pF 5% 50V
C816	1-163-239-11 s	CERAMIC, CHIP 33pF 5% 50V
C817	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C818	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C819	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C820	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C821	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C822	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C823	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C824	1-163-019-00 s	CERAMIC, CHIP 0.0068uF 10% 50V
C825	1-163-113-00 s	CERAMIC, CHIP 68pF 5% 50V
C826	1-163-113-00 s	CERAMIC, CHIP 68pF 5% 50V



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Ref. No. or Q'ty	Part No.	SP Description
C829	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C832	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C833	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C834	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C837	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C839	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C840	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C845	1-164-182-11	s CERAMIC, CHIP 0.0033uF 10% 100V
C848	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C854	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C855	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C856	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C857	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C858	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C862	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C863	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C864	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C865	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C866	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C867	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C868	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C870	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C872	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C879	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C880	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C881	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C882	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C883	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C884	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C886	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C892	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C893	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C894	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C897	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
CN119	1-778-262-12	o CONNECTOR, BB 148P, MALE
D201	8-719-941-23	s DIODE DA204U
D202	8-719-941-23	s DIODE DA204U
D203	8-719-941-23	s DIODE DA204U
D204	8-719-989-08	s DIODE RB717F
D401	8-719-941-23	s DIODE DA204U
D402	8-719-941-23	s DIODE DA204U
D403	8-719-941-23	s DIODE DA204U
D404	8-719-989-08	s DIODE RB717F
D601	8-719-941-23	s DIODE DA204U
D602	8-719-941-23	s DIODE DA204U
D603	8-719-941-23	s DIODE DA204U
D604	8-719-989-08	s DIODE RB717F
D801	8-719-941-23	s DIODE DA204U
D802	8-719-941-23	s DIODE DA204U
D803	8-719-941-23	s DIODE DA204U
D804	8-719-989-08	s DIODE RB717F
DL101	1-411-983-11	s DELAY LINE, CHIP 47ns
DL102	1-411-982-11	s DELAY LINE, CHIP 12ns
DL301	1-411-983-11	s DELAY LINE, CHIP 47ns
DL302	1-411-982-11	s DELAY LINE, CHIP 12ns
DL501	1-411-983-11	s DELAY LINE, CHIP 47ns
DL502	1-411-982-11	s DELAY LINE, CHIP 12ns

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Ref. No. or Q'ty	Part No.	SP Description
DL701	1-411-983-11	s DELAY LINE, CHIP 47ns
DL702	1-411-982-11	s DELAY LINE, CHIP 12ns
FL101	1-233-754-11	s FILTER, LOW-PASS 10MHz
FL102	1-233-756-11	s FILTER, BAND-PASS 10MHz
FL103	1-234-158-21	s FILTER, LOW-PASS 50MHz
FL201	1-239-560-11	s FILTER, NOISE, CHIP
FL202	1-239-560-11	s FILTER, NOISE, CHIP
FL203	1-239-560-11	s FILTER, NOISE, CHIP
FL301	1-233-754-11	s FILTER, LOW-PASS 10MHz
FL302	1-233-756-11	s FILTER, BAND-PASS 10MHz
FL303	1-234-158-21	s FILTER, LOW-PASS 50MHz
FL401	1-239-560-11	s FILTER, NOISE, CHIP
FL402	1-239-560-11	s FILTER, NOISE, CHIP
FL403	1-239-560-11	s FILTER, NOISE, CHIP
FL501	1-233-754-11	s FILTER, LOW-PASS 10MHz
FL502	1-233-756-11	s FILTER, BAND-PASS 10MHz
FL503	1-234-158-21	s FILTER, LOW-PASS 50MHz
FL601	1-239-560-11	s FILTER, NOISE, CHIP
FL602	1-239-560-11	s FILTER, NOISE, CHIP
FL603	1-239-560-11	s FILTER, NOISE, CHIP
FL701	1-233-754-11	s FILTER, LOW-PASS 10MHz
FL702	1-233-756-11	s FILTER, BAND-PASS 10MHz
FL703	1-234-158-21	s FILTER, LOW-PASS 50MHz
FL801	1-239-560-11	s FILTER, NOISE, CHIP
FL802	1-239-560-11	s FILTER, NOISE, CHIP
FL803	1-239-560-11	s FILTER, NOISE, CHIP
IC1	8-759-531-92	s IC TC7WH04FU(Te12R)
IC2	8-759-464-95	s IC AK6420AF-E2
IC3	8-759-095-59	s IC M5237ML-TP1
IC101	8-752-076-55	s IC CXA3059Q
IC102	8-759-064-36	s IC MB88346BPFV
IC103	8-759-112-53	s IC UPC1663G
IC201	8-752-076-54	s IC CXA3058Q
IC202	8-759-196-97	s IC TC7SH32FU-TE85R
IC204	8-759-012-00	s IC MC10H116M
IC205	8-759-012-03	s IC MC10H131MEL
IC206	8-759-183-53	s IC TL431CPK-E2
IC207	8-752-070-50	s IC CXA1866Q
IC208	8-759-012-13	s IC MC10H125M
IC210	8-759-524-04	s IC TC74VHC125FT(EL)
IC211	8-759-523-78	s IC TC74VHC00FT(EL)
IC212	8-759-523-95	s IC TC74VHC74FT(EL)
IC301	8-752-076-55	s IC CXA3059Q
IC302	8-759-064-36	s IC MB88346BPFV
IC303	8-759-112-53	s IC UPC1663G
IC401	8-752-076-54	s IC CXA3058Q
IC402	8-759-196-97	s IC TC7SH32FU-TE85R
IC404	8-759-012-00	s IC MC10H116M
IC405	8-759-012-03	s IC MC10H131MEL
IC406	8-759-183-53	s IC TL431CPK-E2
IC407	8-752-070-50	s IC CXA1866Q
IC408	8-759-012-13	s IC MC10H125M
IC410	8-759-524-04	s IC TC74VHC125FT(EL)
IC412	8-759-523-95	s IC TC74VHC74FT(EL)
IC501	8-752-076-55	s IC CXA3059Q
IC502	8-759-064-36	s IC MB88346BPFV
IC503	8-759-112-53	s IC UPC1663G
IC601	8-752-076-54	s IC CXA3058Q



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Ref. No. or Q'ty	Part No.	SP Description
IC602	8-759-196-97	s IC TC7SH32FU-TE85R
IC604	8-759-012-00	s IC MC10H116M
IC605	8-759-012-03	s IC MC10H131MEL
IC606	8-759-183-53	s IC TL431CPK-E2
IC607	8-752-070-50	s IC CXA1866Q
IC608	8-759-012-13	s IC MC10H125M
IC610	8-759-524-04	s IC TC74VHC125FT(EL)
IC612	8-759-523-95	s IC TC74VHC74FT(EL)
IC701	8-752-076-55	s IC CXA3059Q
IC702	8-759-064-36	s IC MB88346BPFV
IC703	8-759-112-53	s IC UPC1663G
IC801	8-752-076-54	s IC CXA3058Q
IC802	8-759-196-97	s IC TC7SH32FU-TE85R
IC804	8-759-012-00	s IC MC10H116M
IC805	8-759-012-03	s IC MC10H131MEL
IC806	8-759-183-53	s IC TL431CPK-E2
IC807	8-752-070-50	s IC CXA1866Q
IC808	8-759-012-13	s IC MC10H125M
IC810	8-759-524-04	s IC TC74VHC125FT(EL)
IC812	8-759-523-95	s IC TC74VHC74FT(EL)
L3	1-424-673-11	s COIL, CHOKE 4.7uH
L4	1-424-673-11	s COIL, CHOKE 4.7uH
L8	1-424-673-11	s COIL, CHOKE 4.7uH
L101	1-408-777-00	s INDUCTOR CHIP 10uH
L102	1-410-657-21	s INDUCTOR CHIP 180uH
L103	1-408-777-00	s INDUCTOR CHIP 10uH
L104	1-410-384-31	s INDUCTOR CHIP 18uH
L201	1-408-777-00	s INDUCTOR CHIP 10uH
L202	1-408-789-21	s INDUCTOR CHIP 100uH
L206	1-408-777-00	s INDUCTOR CHIP 10uH
L208	1-408-777-00	s INDUCTOR CHIP 10uH
L209	1-408-777-00	s INDUCTOR CHIP 10uH
L210	1-408-777-00	s INDUCTOR CHIP 10uH
L212	1-408-777-00	s INDUCTOR CHIP 10uH
L213	1-408-777-00	s INDUCTOR CHIP 10uH
L301	1-408-777-00	s INDUCTOR CHIP 10uH
L302	1-410-657-21	s INDUCTOR CHIP 180uH
L303	1-408-777-00	s INDUCTOR CHIP 10uH
L304	1-410-384-31	s INDUCTOR CHIP 18uH
L401	1-408-777-00	s INDUCTOR CHIP 10uH
L402	1-408-789-21	s INDUCTOR CHIP 100uH
L408	1-408-777-00	s INDUCTOR CHIP 10uH
L409	1-408-777-00	s INDUCTOR CHIP 10uH
L412	1-408-777-00	s INDUCTOR CHIP 10uH
L413	1-408-777-00	s INDUCTOR CHIP 10uH
L501	1-408-777-00	s INDUCTOR CHIP 10uH
L502	1-410-657-21	s INDUCTOR CHIP 180uH
L503	1-408-777-00	s INDUCTOR CHIP 10uH
L504	1-410-384-31	s INDUCTOR CHIP 18uH
L601	1-408-777-00	s INDUCTOR CHIP 10uH
L602	1-408-789-21	s INDUCTOR CHIP 100uH
L606	1-408-777-00	s INDUCTOR CHIP 10uH
L608	1-408-777-00	s INDUCTOR CHIP 10uH
L609	1-408-777-00	s INDUCTOR CHIP 10uH
L610	1-408-777-00	s INDUCTOR CHIP 10uH
L612	1-408-777-00	s INDUCTOR CHIP 10uH
L613	1-408-777-00	s INDUCTOR CHIP 10uH
L701	1-408-777-00	s INDUCTOR CHIP 10uH
L702	1-410-657-21	s INDUCTOR CHIP 180uH

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Ref. No. or Q'ty	Part No.	SP Description
L703	1-408-777-00	s INDUCTOR CHIP 10uH
L704	1-410-384-31	s INDUCTOR CHIP 18uH
L801	1-408-777-00	s INDUCTOR CHIP 10uH
L802	1-408-789-21	s INDUCTOR CHIP 100uH
L806	1-408-777-00	s INDUCTOR CHIP 10uH
L808	1-408-777-00	s INDUCTOR CHIP 10uH
L809	1-408-777-00	s INDUCTOR CHIP 10uH
L812	1-408-777-00	s INDUCTOR CHIP 10uH
L813	1-408-777-00	s INDUCTOR CHIP 10uH
PS1	△ 1-576-124-11	s LINK, IC 1A
PS2	△ 1-576-124-11	s LINK, IC 1A
PS3	△ 1-576-124-11	s LINK, IC 1A
PS4	△ 1-576-124-11	s LINK, IC 1A
Q5	8-729-923-11	s TRANSISTOR 2SB1412-TLQ
Q101	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q102	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q103	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q104	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q105	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q106	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q107	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q108	8-729-039-79	s TRANSISTOR 2SA1813-TL
Q109	8-729-907-46	s TRANSISTOR IMZ1
Q110	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q111	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q202	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q203	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q205	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q206	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q207	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q209	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q214	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q301	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q302	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q303	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q304	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q305	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q306	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q307	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q308	8-729-039-79	s TRANSISTOR 2SA1813-TL
Q309	8-729-907-46	s TRANSISTOR IMZ1
Q310	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q311	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q402	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q405	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q406	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q409	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q414	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q501	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q502	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q503	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q504	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q505	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q506	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q507	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q508	8-729-039-79	s TRANSISTOR 2SA1813-TL
Q509	8-729-907-46	s TRANSISTOR IMZ1
Q510	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L



## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
Q511	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q602	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q605	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q606	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q609	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q614	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q701	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q702	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q703	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q704	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q705	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q706	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q707	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q708	8-729-039-79	s TRANSISTOR 2SA1813-TL
Q709	8-729-907-46	s TRANSISTOR IMZ1
Q710	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q711	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q802	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q805	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q806	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q809	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q814	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
R2	1-208-758-11	s METAL, CHIP 100 0.5% 1/10W
R4	1-208-804-11	s METAL, CHIP 8.2k 0.5% 1/10W
R5	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R8	1-208-766-11	s METAL, CHIP 220 0.5% 1/10W
R9	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R101	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R102	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R103	1-208-815-11	s METAL, CHIP 24k 0.5% 1/10W
R104	1-208-846-11	s METAL, CHIP 470k 0.5% 1/10W
R106	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R107	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R108	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R109	1-216-009-91	s METAL, CHIP 22 5% 1/10W
R110	1-208-781-11	s METAL, CHIP 910 0.5% 1/10W
R111	1-208-773-11	s METAL, CHIP 430 0.5% 1/10W
R112	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R113	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R114	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R115	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R116	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R117	1-208-771-11	s METAL, CHIP 360 0.5% 1/10W
R118	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R119	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R120	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R121	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R122	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R123	1-208-776-11	s METAL, CHIP 560 0.5% 1/10W
R124	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R125	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R126	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R127	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R128	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R129	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R130	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R131	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R132	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W

## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R133	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R134	1-208-778-11	s METAL, CHIP 680 0.5% 1/10W
R135	1-208-766-11	s METAL, CHIP 220 0.5% 1/10W
R136	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R137	1-208-766-11	s METAL, CHIP 220 0.5% 1/10W
R138	1-208-815-11	s METAL, CHIP 24k 0.5% 1/10W
R139	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R140	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R141	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R142	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R143	1-208-764-11	s METAL, CHIP 180 0.5% 1/10W
R144	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R145	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R147	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R150	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R201	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R202	1-208-781-11	s METAL, CHIP 910 0.5% 1/10W
R203	1-208-781-11	s METAL, CHIP 910 0.5% 1/10W
R204	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R205	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R206	1-208-771-11	s METAL, CHIP 360 0.5% 1/10W
R207	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R208	1-208-771-11	s METAL, CHIP 360 0.5% 1/10W
R209	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R211	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R213	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R214	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R215	1-208-834-11	s METAL, CHIP 150k 0.5% 1/10W
R216	1-208-780-11	s METAL, CHIP 820 0.5% 1/10W
R217	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R218	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R219	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R220	1-208-756-11	s METAL, CHIP 82 0.5% 1/10W
R221	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R222	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R224	1-208-824-11	s METAL, CHIP 56k 0.5% 1/
R225	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R226	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R227	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R228	1-208-813-11	s METAL, CHIP 20k 0.5% 1/10W
R229	1-208-828-11	s METAL, CHIP 82k 0.5% 1/10W
R230	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R232	1-208-795-11	s METAL, CHIP 3.6k 0.5% 1/10W
R234	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R235	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R236	1-208-804-11	s METAL, CHIP 8.2k 0.5% 1/10W
R237	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R239	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R241	1-208-830-11	s METAL, CHIP 100k 0.5% 1/10W
R250	1-208-773-11	s METAL, CHIP 430 0.5% 1/10W
R251	1-208-795-11	s METAL, CHIP 3.6k 0.5% 1/10W
R252	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R253	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R257	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R262	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R263	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R266	1-208-814-91	s METAL, CHIP 22k 0.5% 1/10W
R267	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R268	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R274	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R276	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R286	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R287	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R289	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R290	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R293	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R294	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R295	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R301	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R302	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R303	1-208-815-11 s	METAL, CHIP 24k 0.5% 1/10W
R304	1-208-846-11 s	METAL, CHIP 470k 0.5% 1/10W
R307	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R308	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R309	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R310	1-208-781-11 s	METAL, CHIP 910 0.5% 1/10W
R311	1-208-773-11 s	METAL, CHIP 430 0.5% 1/10W
R312	1-208-808-11 s	METAL, CHIP 12k 0.5% 1/10W
R313	1-208-808-11 s	METAL, CHIP 12k 0.5% 1/10W
R314	1-208-802-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R315	1-208-798-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R316	1-208-772-11 s	METAL, CHIP 390 0.5% 1/10W
R317	1-208-771-11 s	METAL, CHIP 360 0.5% 1/10W
R318	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R319	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R320	1-208-802-11 s	METAL, CHIP 6.8k 0.5% 1/10W
R321	1-208-798-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R322	1-208-772-11 s	METAL, CHIP 390 0.5% 1/10W
R323	1-208-776-11 s	METAL, CHIP 560 0.5% 1/10W
R324	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R325	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R326	1-208-794-11 s	METAL, CHIP 3.3k 0.5% 1/10W
R327	1-208-794-11 s	METAL, CHIP 3.3k 0.5% 1/10W
R328	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R329	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R330	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R331	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R332	1-208-772-11 s	METAL, CHIP 390 0.5% 1/10W
R333	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R334	1-208-778-11 s	METAL, CHIP 680 0.5% 1/10W
R335	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R336	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R337	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R338	1-208-815-11 s	METAL, CHIP 24k 0.5% 1/10W
R339	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R340	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R341	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R342	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R343	1-208-764-11 s	METAL, CHIP 180 0.5% 1/10W
R344	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R345	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R347	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R350	1-208-799-11 s	METAL, CHIP 5.1k 0.5% 1/10W
R401	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R402	1-208-781-11 s	METAL, CHIP 910 0.5% 1/10W
R403	1-208-781-11 s	METAL, CHIP 910 0.5% 1/10W
R404	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R405	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R406	1-208-771-11 s	METAL, CHIP 360 0.5% 1/10W
R407	1-208-772-11 s	METAL, CHIP 390 0.5% 1/10W
R408	1-208-771-11 s	METAL, CHIP 360 0.5% 1/10W
R409	1-208-772-11 s	METAL, CHIP 390 0.5% 1/10W
R410	1-219-365-11 s	SHORT 0
R411	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R413	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R414	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R415	1-208-834-11 s	METAL, CHIP 150k 0.5% 1/10W
R416	1-208-780-11 s	METAL, CHIP 820 0.5% 1/10W
R417	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R418	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R419	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R420	1-208-756-11 s	METAL, CHIP 82 0.5% 1/10W
R421	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R422	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R424	1-208-824-11 s	METAL, CHIP 56k 0.5% 1/10W
R425	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R426	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R427	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R428	1-208-813-11 s	METAL, CHIP 20k 0.5% 1/10W
R429	1-208-828-11 s	METAL, CHIP 82k 0.5% 1/10W
R430	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R432	1-208-795-11 s	METAL, CHIP 3.6k 0.5% 1/10W
R434	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R435	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R436	1-208-804-11 s	METAL, CHIP 8.2k 0.5% 1/10W
R437	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R439	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R441	1-208-830-11 s	METAL, CHIP 100k 0.5% 1/10W
R450	1-208-773-11 s	METAL, CHIP 430 0.5% 1/10W
R451	1-208-795-11 s	METAL, CHIP 3.6k 0.5% 1/10W
R452	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R453	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R457	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R462	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R463	1-208-812-11 s	METAL, CHIP 18k 0.5% 1/10W
R466	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R467	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R468	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R474	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R476	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R486	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R487	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R489	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R490	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R493	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R494	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R495	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R501	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R502	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R503	1-208-815-11 s	METAL, CHIP 24k 0.5% 1/10W
R504	1-208-846-11 s	METAL, CHIP 470k 0.5% 1/10W
R507	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R508	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R509	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R510	1-208-781-11 s	METAL, CHIP 910 0.5% 1/10W
R511	1-208-773-11 s	METAL, CHIP 430 0.5% 1/10W
R512	1-208-808-11 s	METAL, CHIP 12k 0.5% 1/10W



## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R513	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R514	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R515	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R516	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R517	1-208-771-11	s METAL, CHIP 360 0.5% 1/10W
R518	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R519	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R520	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R521	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R522	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R523	1-208-776-11	s METAL, CHIP 560 0.5% 1/10W
R524	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R525	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R526	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R527	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R528	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R529	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R530	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R531	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R532	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R533	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R534	1-208-778-11	s METAL, CHIP 680 0.5% 1/10W
R535	1-208-766-11	s METAL, CHIP 220 0.5% 1/10W
R536	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R537	1-208-766-11	s METAL, CHIP 220 0.5% 1/10W
R538	1-208-815-11	s METAL, CHIP 24k 0.5% 1/10W
R539	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R540	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R541	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R542	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R543	1-208-764-11	s METAL, CHIP 180 0.5% 1/10W
R544	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R545	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R547	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R550	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R601	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R602	1-208-781-11	s METAL, CHIP 910 0.5% 1/10W
R603	1-208-781-11	s METAL, CHIP 910 0.5% 1/10W
R604	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R605	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R606	1-208-771-11	s METAL, CHIP 360 0.5% 1/10W
R607	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R608	1-208-771-11	s METAL, CHIP 360 0.5% 1/10W
R609	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R611	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R613	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R614	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R615	1-208-834-11	s METAL, CHIP 150k 0.5% 1/10W
R616	1-208-780-11	s METAL, CHIP 820 0.5% 1/10W
R617	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R618	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R619	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R620	1-208-756-11	s METAL, CHIP 82 0.5% 1/10W
R621	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R622	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R624	1-208-824-11	s METAL, CHIP 56k 0.5% 1/
R625	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R626	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R627	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W

## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R628	1-208-813-11	s METAL, CHIP 20k 0.5% 1/10W
R629	1-208-828-11	s METAL, CHIP 82k 0.5% 1/10W
R630	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R632	1-208-795-11	s METAL, CHIP 3.6k 0.5% 1/10W
R634	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R635	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R636	1-208-804-11	s METAL, CHIP 8.2k 0.5% 1/10W
R637	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R639	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R641	1-208-830-11	s METAL, CHIP 100k 0.5% 1/10W
R650	1-208-773-11	s METAL, CHIP 430 0.5% 1/10W
R651	1-208-795-11	s METAL, CHIP 3.6k 0.5% 1/10W
R652	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R653	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R657	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R662	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R663	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R666	1-208-814-91	s METAL, CHIP 22k 0.5% 1/10W
R667	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R668	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R674	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R676	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R686	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R687	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R689	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R690	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R693	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R694	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R695	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R701	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R702	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R703	1-208-815-11	s METAL, CHIP 24k 0.5% 1/10W
R704	1-208-846-11	s METAL, CHIP 470k 0.5% 1/10W
R707	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R708	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R709	1-216-009-91	s METAL, CHIP 22 5% 1/10W
R710	1-208-781-11	s METAL, CHIP 910 0.5% 1/10W
R711	1-208-773-11	s METAL, CHIP 430 0.5% 1/10W
R712	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R713	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R714	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R715	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R716	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R717	1-208-771-11	s METAL, CHIP 360 0.5% 1/10W
R718	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R719	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R720	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R721	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R722	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R723	1-208-776-11	s METAL, CHIP 560 0.5% 1/10W
R724	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R725	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R726	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R727	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R728	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R729	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R730	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R731	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R732	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W



## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R733	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R734	1-208-778-11 s	METAL, CHIP 680 0.5% 1/10W
R735	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R736	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R737	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R738	1-208-815-11 s	METAL, CHIP 24k 0.5% 1/10W
R739	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R740	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R741	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R742	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R743	1-208-764-11 s	METAL, CHIP 180 0.5% 1/10W
R744	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R745	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R747	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R750	1-208-799-11 s	METAL, CHIP 5.1k 0.5% 1/10W
R801	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R802	1-208-781-11 s	METAL, CHIP 910 0.5% 1/10W
R803	1-208-781-11 s	METAL, CHIP 910 0.5% 1/10W
R804	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R805	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R806	1-208-771-11 s	METAL, CHIP 360 0.5% 1/10W
R807	1-208-772-11 s	METAL, CHIP 390 0.5% 1/10W
R808	1-208-771-11 s	METAL, CHIP 360 0.5% 1/10W
R809	1-208-772-11 s	METAL, CHIP 390 0.5% 1/10W
R811	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R813	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R814	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R815	1-208-834-11 s	METAL, CHIP 150k 0.5% 1/10W
R816	1-208-780-11 s	METAL, CHIP 820 0.5% 1/10W
R817	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R818	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R819	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R820	1-208-756-11 s	METAL, CHIP 82 0.5% 1/10W
R821	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R822	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R824	1-208-824-11 s	METAL, CHIP 56k 0.5% 1/
R825	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R826	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R827	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R828	1-208-813-11 s	METAL, CHIP 20k 0.5% 1/10W
R829	1-208-828-11 s	METAL, CHIP 82k 0.5% 1/10W
R830	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R832	1-208-795-11 s	METAL, CHIP 3.6k 0.5% 1/10W
R834	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R835	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R836	1-208-804-11 s	METAL, CHIP 8.2k 0.5% 1/10W
R837	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R839	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R841	1-208-830-11 s	METAL, CHIP 100k 0.5% 1/10W
R850	1-208-773-11 s	METAL, CHIP 430 0.5% 1/10W
R851	1-208-795-11 s	METAL, CHIP 3.6k 0.5% 1/10W
R852	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R853	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R857	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R862	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R863	1-208-812-11 s	METAL, CHIP 18k 0.5% 1/10W
R866	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R867	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R868	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W

## (EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R874	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R876	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R886	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R887	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R889	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R890	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R893	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R894	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R895	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
RB1	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB2	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB201	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB202	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB203	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB401	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB402	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB601	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB602	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB801	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
RB802	1-239-389-11 s	RESISTOR BLOCK, CHIP 47k x 4
S201	1-692-535-11 s	SWITCH, DIP, CHIP 4-CKT



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FP-75 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-913-A	o MOUNTED CIRCUIT BOARD, FP-75
C1	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
CN724	1-573-397-11	s CONNECTOR, FPC 11P
D1	8-719-024-81	s DIODE 1SS300-TE85L
D2	8-719-024-81	s DIODE 1SS300-TE85L
D3	8-719-024-81	s DIODE 1SS300-TE85L
D4	8-719-024-81	s DIODE 1SS300-TE85L
D5	8-719-024-81	s DIODE 1SS300-TE85L
R1	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R2	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
RV1	1-237-695-11	s RES, VAR, CARBON 5k
RV2	1-237-695-11	s RES, VAR, CARBON 5k
S1	1-571-977-11	s SWITCH, PUSH
S2	1-571-977-11	s SWITCH, PUSH
S3	1-571-977-11	s SWITCH, PUSH
S4	1-571-977-11	s SWITCH, PUSH
S5	1-571-977-11	s SWITCH, PUSH
S6	1-571-977-11	s SWITCH, PUSH
S7	1-571-977-11	s SWITCH, PUSH
S8	1-571-977-11	s SWITCH, PUSH
S9	1-762-234-11	s SWITCH, SLIDE
S10	1-571-640-11	s SWITCH, SLIDE

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HP-73 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-912-A	o MOUNTED CIRCUIT BOARD, HP-73
CN731	1-506-477-11	s CONNECTOR, 12P, MALE
CN733	1-506-468-11	s CONNECTOR, 3P, MALE
JW1	1-219-202-11	s RES 0

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KY-336 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-878-A	o MOUNTED CIRCUIT BOARD, KY-336
2pcs	7-682-648-09	s SCREW +PS 3x8
C1	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C2	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C3	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C4	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C5	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C6	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C7	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C8	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C9	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C10	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C11	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C16	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C17	1-104-664-11	s ELECT 47uF 20% 25V
C18	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C19	1-126-935-11	s ELECT 470uF 20% 16V
C20	1-126-933-11	s ELECT 100uF 20% 16V
C21	1-126-934-11	s ELECT 220uF 20% 16V
C22	1-163-012-00	s CERAMIC, CHIP 0.0018uF 10% 50V
C23	1-111-136-11	s ELECT 47uF 20% 63V
C24	1-126-968-11	s ELECT 100uF 20% 50V
C25	1-126-968-11	s ELECT 100uF 20% 50V
C26	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C27	1-126-965-11	s ELECT 22uF 20% 50V
C28	1-104-664-11	s ELECT 47uF 20% 25V
C29	1-104-664-11	s ELECT 47uF 20% 25V
C30	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C31	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C32	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C33	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C34	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C39	1-126-935-11	s ELECT 470uF 20% 16V
C51	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C52	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C53	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C54	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C55	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C56	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C57	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C58	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C59	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C60	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C61	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C62	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C63	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C64	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C65	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C66	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C67	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C68	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C69	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C70	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C71	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C72	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C73	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C74	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C75	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V



## (KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C76	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C77	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C78	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C79	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C80	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C81	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C82	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C83	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C84	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C85	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C86	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C87	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C88	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C89	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C90	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C91	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C92	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C93	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C94	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C95	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C96	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C97	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C98	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C99	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C100	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C101	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
CN712	1-565-189-11 s	CONNECTOR, FPC 36P
CN713	1-506-468-11 s	CONNECTOR, 3P, MALE
CN714	1-573-397-11 s	CONNECTOR, FPC 11P
D1	8-719-941-23 s	DIODE DA204U
D2	8-719-941-23 s	DIODE DA204U
D3	8-719-941-23 s	DIODE DA204U
D5	8-719-941-23 s	DIODE DA204U
D6	8-719-024-81 s	DIODE 1SS300-TE85L
D7	8-719-024-81 s	DIODE 1SS300-TE85L
D8	8-719-024-81 s	DIODE 1SS300-TE85L
D9	8-719-024-81 s	DIODE 1SS300-TE85L
D10	8-719-024-81 s	DIODE 1SS300-TE85L
D11	8-719-024-81 s	DIODE 1SS300-TE85L
D12	8-719-110-02 s	DIODE RD7.5ESB1
D13	8-719-108-24 s	DIODE 1SS223
D14	8-719-108-24 s	DIODE 1SS223
D15	8-719-158-61 s	DIODE RD16SB2
D16	8-719-901-83 s	DIODE 1SS83
D17	8-719-160-00 s	DIODE RD2.0FB1
D18	8-719-160-00 s	DIODE RD2.0FB1
D19	8-719-160-00 s	DIODE RD2.0FB1
D20	8-719-024-81 s	DIODE 1SS300-TE85L
D21	8-719-105-99 s	DIODE RD6.2M-B1
D22	8-719-105-99 s	DIODE RD6.2M-B1
D23	8-719-105-99 s	DIODE RD6.2M-B1
D24	8-719-105-99 s	DIODE RD6.2M-B1
D25	8-719-941-23 s	DIODE DA204U
D26	8-719-941-23 s	DIODE DA204U
D27	8-719-941-23 s	DIODE DA204U
D28	8-719-941-23 s	DIODE DA204U
D29	8-719-941-23 s	DIODE DA204U
D30	8-719-941-23 s	DIODE DA204U

## (KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
D31	8-719-941-23 s	DIODE DA204U
E1	1-535-881-21 o	TERMINAL, TP
IC1	8-759-477-03 s	IC UPD78013FYCW-W07
IC2	8-759-350-99 s	IC M66004M6FP200D
IC3	8-759-186-44 s	IC TC74VHC125F
IC4	8-759-542-91 s	IC S-80840ANUP-ED4-T2
IC5	8-759-431-42 s	IC TD62504F-TEL
L1	1-410-385-11 s	INDUCTOR, CHIP 22uH
L2	1-410-381-11 s	INDUCTOR CHIP 10uH
L4	1-412-533-21 s	INDUCTOR 47uH
L5	1-412-031-11 s	INDUCTOR CHIP 47uH
ND1	1-517-599-11 s	UNIT, FLD
ND2	1-517-598-11 s	UNIT, FLD
PS1	△ 1-532-637-00 s	LINK, IC 1.0A
PS2	△ 1-532-605-00 s	LINK, IC 0.4A
Q1	8-729-028-91 s	TRANSISTOR DTA144EUA-T106
Q2	8-729-028-91 s	TRANSISTOR DTA144EUA-T106
Q3	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q4	8-729-427-70 s	TRANSISTOR XP4401-TXE
Q5	8-729-230-49 s	TRANSISTOR 2SC2712-YG
Q6	8-729-822-55 s	TRANSISTOR 2SD1669R
Q7	8-729-106-68 s	TRANSISTOR 2SC1615A-GP
Q8	8-729-216-22 s	TRANSISTOR 2SA1162
Q9	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q10	8-729-216-22 s	TRANSISTOR 2SA1162
Q11	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q12	8-729-216-22 s	TRANSISTOR 2SA1162
Q13	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q14	8-729-216-22 s	TRANSISTOR 2SA1162
Q15	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q16	8-729-216-22 s	TRANSISTOR 2SA1162
Q17	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q18	8-729-216-22 s	TRANSISTOR 2SA1162
Q19	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q20	8-729-216-22 s	TRANSISTOR 2SA1162
Q21	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q22	8-729-216-22 s	TRANSISTOR 2SA1162
Q23	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q24	8-729-216-22 s	TRANSISTOR 2SA1162
Q25	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q26	8-729-216-22 s	TRANSISTOR 2SA1162
Q27	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q28	8-729-216-22 s	TRANSISTOR 2SA1162
Q29	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q30	8-729-216-22 s	TRANSISTOR 2SA1162
Q31	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q32	8-729-216-22 s	TRANSISTOR 2SA1162
Q33	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q34	8-729-216-22 s	TRANSISTOR 2SA1162
Q35	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q36	8-729-216-22 s	TRANSISTOR 2SA1162
Q37	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q38	8-729-216-22 s	TRANSISTOR 2SA1162
Q39	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB
Q40	8-729-216-22 s	TRANSISTOR 2SA1162
Q41	8-729-019-87 s	TRANSISTOR 2SC3392-6-TB



## (KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
Q42	8-729-216-22	s TRANSISTOR 2SA1162
Q43	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q44	8-729-216-22	s TRANSISTOR 2SA1162
Q45	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q46	8-729-216-22	s TRANSISTOR 2SA1162
Q47	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q48	8-729-216-22	s TRANSISTOR 2SA1162
Q49	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q50	8-729-216-22	s TRANSISTOR 2SA1162
Q51	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q52	8-729-216-22	s TRANSISTOR 2SA1162
Q53	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q54	8-729-216-22	s TRANSISTOR 2SA1162
Q55	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q56	8-729-216-22	s TRANSISTOR 2SA1162
Q57	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q58	8-729-216-22	s TRANSISTOR 2SA1162
Q59	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q60	8-729-216-22	s TRANSISTOR 2SA1162
Q61	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q62	8-729-216-22	s TRANSISTOR 2SA1162
Q63	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q64	8-729-216-22	s TRANSISTOR 2SA1162
Q65	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q66	8-729-216-22	s TRANSISTOR 2SA1162
Q67	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q68	8-729-216-22	s TRANSISTOR 2SA1162
Q69	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q70	8-729-216-22	s TRANSISTOR 2SA1162
Q71	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q72	8-729-216-22	s TRANSISTOR 2SA1162
Q73	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q74	8-729-216-22	s TRANSISTOR 2SA1162
Q75	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q76	8-729-216-22	s TRANSISTOR 2SA1162
Q77	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q78	8-729-216-22	s TRANSISTOR 2SA1162
Q79	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q80	8-729-216-22	s TRANSISTOR 2SA1162
Q81	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q82	8-729-216-22	s TRANSISTOR 2SA1162
Q83	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q84	8-729-216-22	s TRANSISTOR 2SA1162
Q85	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q86	8-729-216-22	s TRANSISTOR 2SA1162
Q87	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q88	8-729-216-22	s TRANSISTOR 2SA1162
Q89	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q90	8-729-216-22	s TRANSISTOR 2SA1162
Q91	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q92	8-729-216-22	s TRANSISTOR 2SA1162
Q93	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q94	8-729-216-22	s TRANSISTOR 2SA1162
Q95	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q96	8-729-216-22	s TRANSISTOR 2SA1162
Q97	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q98	8-729-216-22	s TRANSISTOR 2SA1162
Q99	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q100	8-729-216-22	s TRANSISTOR 2SA1162

## (KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
Q101	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q102	8-729-216-22	s TRANSISTOR 2SA1162
Q103	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q104	8-729-216-22	s TRANSISTOR 2SA1162
Q105	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q106	8-729-216-22	s TRANSISTOR 2SA1162
Q107	8-729-019-87	s TRANSISTOR 2SC3392-6-TB
Q108	8-729-216-22	s TRANSISTOR 2SA1162
Q109	8-729-230-49	s TRANSISTOR 2SC2712-YG
R1	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R2	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R3	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R4	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R5	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R6	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R7	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R10	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R11	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R12	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R13	1-216-061-00	s METAL, CHIP 3.3k 5% 1/10W
R14	1-216-061-00	s METAL, CHIP 3.3k 5% 1/10W
R15	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R16	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R17	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R18	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R19	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R20	1-216-061-00	s METAL, CHIP 3.3k 5% 1/10W
R21	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R22	1-216-304-11	s METAL 3.3 5% 1/10W
R23	1-216-053-00	s METAL, CHIP 1.5k 5% 1/10W
R24	1-216-067-00	s METAL, CHIP 5.6k 5% 1/10W
R25	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R26	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R27	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R28	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R29	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R30	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R31	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R32	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R33	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R34	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R35	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R36	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R37	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R38	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R39	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R40	1-220-221-11	s METAL, CHIP 100 5% 1/2W
R41	1-216-069-00	s METAL, CHIP 6.8k 5% 1/10W
R42	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R43	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R44	1-216-053-00	s METAL, CHIP 1.5k 5% 1/10W
R45	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R46	1-216-055-00	s METAL, CHIP 1.8k 5% 1/10W
R47	1-216-055-00	s METAL, CHIP 1.8k 5% 1/10W
R48	1-216-083-00	s METAL, CHIP 27k 5% 1/10W
R49	1-216-083-00	s METAL, CHIP 27k 5% 1/10W
R50	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R51	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R52	1-216-049-91	s METAL, CHIP 1k 5% 1/10W



## (KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R53	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R54	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R55	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R56	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R60	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R61	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R62	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R63	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R64	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R65	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R66	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R67	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R68	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R69	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R70	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R71	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R72	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R73	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R74	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R75	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R76	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R77	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R78	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R79	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R80	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R81	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R82	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R83	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R84	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R85	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R86	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R87	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R88	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R89	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R90	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R91	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R92	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R93	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R94	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R95	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R96	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R97	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R98	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R99	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R100	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R101	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R102	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R103	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R104	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R105	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R106	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R107	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R108	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R109	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R110	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R111	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R112	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R113	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R114	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W

## (KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R115	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R116	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R117	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R118	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R119	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R120	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R121	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R122	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R123	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R124	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R125	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
RV1	1-225-359-11 s	RES, VAR CARBON 5k/20k
RV2	1-225-359-11 s	RES, VAR CARBON 5k/20k
RV3	1-225-359-11 s	RES, VAR CARBON 5k/20k
RV4	1-225-359-11 s	RES, VAR CARBON 5k/20k
S1	1-692-892-11 s	SWITCH, PUSH
S2	1-692-890-31 s	SWITCH, PUSH
S3	1-692-890-21 s	SWITCH, PUSH
S4	1-692-890-41 s	SWITCH, PUSH
S5	1-692-892-21 s	SWITCH, PUSH
S6	1-692-891-21 s	SWITCH, PUSH
S7	1-571-977-11 s	SWITCH, PUSH
S8	1-571-977-11 s	SWITCH, PUSH
S9	1-571-977-11 s	SWITCH, PUSH
S10	1-571-977-11 s	SWITCH, PUSH
S11	1-571-977-11 s	SWITCH, PUSH
S12	1-762-832-11 s	SWITCH, SLIDE
S13	1-571-977-11 s	SWITCH, PUSH
T1	1-429-856-11 s	TRANSFORMER, POWER
TP1	1-535-881-21 o	TERMINAL, TP
X1	1-579-175-11 s	RESONATOR, CERAMIC 10.00MHZ



## MB-640 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-899-A	o MOUNTED CIRCUIT BOARD, MB-640
C102	1-113-340-11	s ELECT 47uF 20% 25V
C103	1-124-635-00	s ELECT 220uF 20% 6.3V
C105	1-124-635-00	s ELECT 220uF 20% 6.3V
C106	1-113-340-11	s ELECT 47uF 20% 25V
C111	1-104-664-11	s ELECT 47uF 20% 25V
C112	1-104-664-11	s ELECT 47uF 20% 25V
C113	1-113-340-11	s ELECT 47uF 20% 25V
C114	1-113-340-11	s ELECT 47uF 20% 25V
CN108	1-778-259-11	o CONNECTOR, BB 148P, FEMALE
CN111	1-778-259-11	o CONNECTOR, BB 148P, FEMALE
CN117	1-778-259-11	o CONNECTOR, BB 148P, FEMALE
CN118	1-778-259-11	o CONNECTOR, BB 148P, FEMALE
CN119	1-778-259-11	o CONNECTOR, BB 148P, FEMALE
CN120	1-778-259-11	o CONNECTOR, BB 148P, FEMALE
CN501	1-562-717-11	o CONNECTOR, 34P, MALE
CN502	1-562-992-11	o CONNECTOR, FPC 26P, FEMALE
CN503	1-565-189-11	s CONNECTOR, FPC 36P
CN505	1-562-708-11	o CONNECTOR, FPC 13P, FEMALE
CN506	1-565-189-11	s CONNECTOR, FPC 36P
CN601	1-766-792-11	o CONNECTOR, BOARD TO BOARD 12P
CN602	1-766-792-11	o CONNECTOR, BOARD TO BOARD 12P
CN603	1-766-792-11	o CONNECTOR, BOARD TO BOARD 12P
CN604	1-766-792-11	o CONNECTOR, BOARD TO BOARD 12P
CN605	1-766-792-11	o CONNECTOR, BOARD TO BOARD 12P
CN606	1-766-792-11	o CONNECTOR, BOARD TO BOARD 12P
CN607	1-764-259-11	s CONNECTOR, D-SUB 15P, FEMALE
CN608	1-573-566-11	s CONNECTOR, D-SUB 9P, FEMALE
CN609	1-564-002-11	s PIN, CONNECTOR 3P
CN701	1-506-477-11	s CONNECTOR, 12P, MALE
CN702	1-565-189-11	s CONNECTOR, FPC 36P
CN903	1-691-757-11	o CONNECTOR, BB 8P, MALE
CN904	1-766-176-11	o CONNECTOR, BB 6P, MALE
IC1	8-759-982-54	s IC NJM79M09FA
IC2	8-759-701-59	s IC NJM78M09FA

## MS-43 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8312-024-A	o MOUNTED CIRCUIT BOARD, MS-43
C1	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C2	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C3	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C9	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C10	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C11	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C12	1-126-960-11	s ELECT 1uF 20% 50V
C13	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C14	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C15	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C16	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C101	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C102	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C103	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C104	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C105	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C106	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C107	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C108	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C109	1-115-340-11	s CERAMIC 0.22uF 10% 25V
C111	1-115-340-11	s CERAMIC 0.22uF 10% 25V
C112	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C113	1-126-403-11	s ELECT 3.3uF 20% 50V
C114	1-115-340-11	s CERAMIC 0.22uF 10% 25V
C115	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C116	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C117	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C118	1-164-505-11	s CERAMIC, CHIP 2.2uF 16V
C201	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C202	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C203	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C204	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C205	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C206	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C207	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C208	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C209	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C210	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C211	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C212	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C213	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
CN201	1-764-129-11	s CONNECTOR, FPC 15P
CN202	1-764-129-11	s CONNECTOR, FPC 15P
CN203	1-565-189-11	s CONNECTOR, FPC 36P
CN204	1-563-140-11	s SOCKET, CONNECTOR 9P
CN205	1-778-663-11	o CONNECTOR, BB 6P, FEMALE
CN206	1-565-189-11	s CONNECTOR, FPC 36P
CN207	1-766-716-11	o CONNECTOR, BB 3P, MALE
CN208	1-691-395-11	s CONNECTOR, FPC 6P
CN209	1-563-140-11	s SOCKET, CONNECTOR 9P
CN210	1-506-467-11	s CONNECTOR, 2P, MALE
CN211	1-564-004-11	o PIN, CONNECTOR 5P
CN212	1-766-723-11	s CONNECTOR, BB 3P, FEMALE
CN221	1-566-767-11	s PIN, CONNECTOR 12P
D1	8-719-938-07	s DIODE GL480
D2	8-719-938-07	s DIODE GL480



## (MS-43 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
D101	8-719-800-76	s DIODE 1SS226
IC1	8-759-469-25	s IC AK6440AF-E2
IC2	8-759-700-07	s IC NJM2903M
IC101	8-759-288-80	s IC TA8424F(TP2)
IC102	8-759-106-02	s IC UPC4570G2
IC103	8-759-106-02	s IC UPC4570G2
IC104	8-759-700-07	s IC NJM2903M
IC201	8-759-106-02	s IC UPC4570G2
IC202	8-759-399-64	s IC LBI857M-FE-L
Q1	8-729-903-81	s PHOTO TRANSISTOR PT480
Q2	8-729-903-81	s PHOTO TRANSISTOR PT480
R1	1-216-628-11	s METAL, CHIP 110 0.5% 1/10W
R3	1-216-031-00	s METAL, CHIP 180 5% 1/10W
R4	1-216-628-11	s METAL, CHIP 110 0.5% 1/10W
R5	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R6	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R7	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R8	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R10	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R11	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R14	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R15	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R16	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R17	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R18	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R19	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R20	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R21	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R22	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R23	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R24	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R25	1-216-672-11	s METAL, CHIP 7.5k 0.5% 1/10W
R26	1-216-670-11	s METAL, CHIP 6.2k 0.5% 1/10W
R27	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R101	1-216-111-00	s METAL 390k 5% 1/10W
R102	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R103	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R104	1-216-109-00	s METAL, CHIP 330k 5% 1/10W
R105	1-220-230-11	s METAL, CHIP 2.2 10% 1/4W
R106	1-220-230-11	s METAL, CHIP 2.2 10% 1/4W
R107	1-220-230-11	s METAL, CHIP 2.2 10% 1/4W
R108	1-220-230-11	s METAL, CHIP 2.2 10% 1/4W
R109	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R110	1-220-231-11	s METAL, CHIP 2.7 10% 1/4W
R111	1-220-230-11	s METAL, CHIP 2.2 10% 1/4W
R113	1-216-031-00	s METAL, CHIP 180 5% 1/10W
R114	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R115	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R116	1-220-231-11	s METAL, CHIP 2.7 10% 1/4W
R117	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R119	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R120	1-220-231-11	s METAL, CHIP 2.7 10% 1/4W
R121	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R123	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R124	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R125	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R126	1-216-101-00	s METAL, CHIP 150k 5% 1/10W

## (MS-43 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R127	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R128	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R129	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R130	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R131	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R201	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R202	1-216-691-11	s METAL, CHIP 47k 0.5% 1/10W
R203	1-216-691-11	s METAL, CHIP 47k 0.5% 1/10W
R204	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R205	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R206	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R207	1-218-760-11	s METAL, CHIP 220k 0.5% 1/10W
R208	1-218-760-11	s METAL, CHIP 220k 0.5% 1/10W
R209	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R210	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R211	1-216-308-00	s METAL, CHIP 4.7 5% 1/10W
R212	1-216-308-00	s METAL, CHIP 4.7 5% 1/10W
R213	1-216-308-00	s METAL, CHIP 4.7 5% 1/10W
R214	1-216-031-00	s METAL, CHIP 180 5% 1/10W
TH1	1-809-357-21	s THERMISTOR, CHIP 10k







## (PRE-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C492	1-110-569-11 s	TANTALUM, CHIP 47uF 20% 6.3V
C494	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
CN101	1-774-911-11 s	CONNECTOR, FPC 11P
CN102	1-774-911-11 s	CONNECTOR, FPC 11P
CN103	1-562-686-11 o	CONNECTOR, FPC 26P
L1	1-424-674-11 s	COIL, CHOKE 22uH
L101	1-414-404-11 s	INDUCTOR 100uH
L102	1-414-404-11 s	INDUCTOR 100uH
L151	1-414-404-11 s	INDUCTOR 100uH
L152	1-414-404-11 s	INDUCTOR 100uH
L201	1-414-404-11 s	INDUCTOR 100uH
L202	1-414-404-11 s	INDUCTOR 100uH
L251	1-414-404-11 s	INDUCTOR 100uH
L252	1-414-404-11 s	INDUCTOR 100uH
L301	1-414-404-11 s	INDUCTOR 100uH
L302	1-414-404-11 s	INDUCTOR 100uH
L351	1-414-404-11 s	INDUCTOR 100uH
L352	1-414-404-11 s	INDUCTOR 100uH
L401	1-414-404-11 s	INDUCTOR 100uH
L402	1-414-404-11 s	INDUCTOR 100uH
L451	1-414-404-11 s	INDUCTOR 100uH
L452	1-414-404-11 s	INDUCTOR 100uH
PS1	Δ 1-533-282-21 s	LINK, IC, CHIP 2A
Q1	8-729-806-76 s	TRANSISTOR 2SB1120-G
Q2	8-729-202-38 s	TRANSISTOR 2SC3326N
Q3	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q4	8-729-202-38 s	TRANSISTOR 2SC3326N
Q5	8-729-806-76 s	TRANSISTOR 2SB1120-G
Q6	8-729-028-91 s	TRANSISTOR DTA144EUA-T106
Q7	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q101	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q101	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q102	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q102	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q103	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q103	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q103	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q104	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q104	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q105	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q105	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q106	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q106	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q107	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q107	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q108	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q108	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q108	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q109	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q109	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q110	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q110	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q116	8-729-140-47 s	TRANSISTOR 2SC3735-T2B-B35
Q117	8-729-140-47 s	TRANSISTOR 2SC3735-T2B-B35
Q120	8-729-921-69 s	TRANSISTOR IMX4-T109
Q151	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q151	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q152	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q152	8-729-040-46 s	TRANSISTOR 2SK322WRTL

## (PRE-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
Q153	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q153	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q154	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q154	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q155	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q155	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q156	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q156	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q157	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q157	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q158	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q158	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q159	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q159	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q160	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q160	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q166	8-729-140-47 s	TRANSISTOR 2SC3735-T2B-B35
Q167	8-729-140-47 s	TRANSISTOR 2SC3735-T2B-B35
Q170	8-729-921-69 s	TRANSISTOR IMX4-T109
Q191	8-729-106-68 s	TRANSISTOR 2SC1615A-GP
Q201	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q201	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q202	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q202	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q203	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q203	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q204	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q204	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q204	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q205	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q205	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q206	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q206	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q207	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q207	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q208	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q208	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q209	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q209	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q209	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q210	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q210	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q216	8-729-140-47 s	TRANSISTOR 2SC3735-T2B-B35
Q217	8-729-140-47 s	TRANSISTOR 2SC3735-T2B-B35
Q220	8-729-921-69 s	TRANSISTOR IMX4-T109
Q251	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q251	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q252	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q252	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q253	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q253	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q253	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q254	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q254	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q255	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q255	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q255	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q256	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q256	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q257	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q257	8-729-040-46 s	TRANSISTOR 2SK322WRTL
Q258	8-729-034-25 s	TRANSISTOR 2SK322WQTL
Q258	8-729-040-46 s	TRANSISTOR 2SK322WRTL



(PRE-32 BOARD (DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
Q370	8-729-921-69	s	TRANSISTOR IMX4-T109
Q391	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q401	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q402	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q402	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q403	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q403	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q404	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q404	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q405	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q405	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q406	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q407	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q407	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q408	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q408	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q409	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q409	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q410	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q410	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q411	8-729-202-38	s	TRANSISTOR 2SC3326N
Q412	8-729-202-38	s	TRANSISTOR 2SC3326N
Q413	8-729-202-38	s	TRANSISTOR 2SC3326N
Q414	8-729-202-38	s	TRANSISTOR 2SC3326N
Q415	8-729-202-38	s	TRANSISTOR 2SC3326N
Q416	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q417	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q420	8-729-921-69	s	TRANSISTOR IMX4-T109
Q451	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q452	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q452	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q453	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q453	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q454	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q454	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q455	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q455	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q456	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q457	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q457	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q458	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q458	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q459	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q459	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q460	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q460	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q461	8-729-202-38	s	TRANSISTOR 2SC3326N
Q462	8-729-202-38	s	TRANSISTOR 2SC3326N
Q463	8-729-202-38	s	TRANSISTOR 2SC3326N
Q464	8-729-202-38	s	TRANSISTOR 2SC3326N
Q465	8-729-202-38	s	TRANSISTOR 2SC3326N
Q466	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q467	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q470	8-729-921-69	s	TRANSISTOR IMX4-T109
Q491	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
R1	1-216-035-00	s	METAL, CHIP 270 5% 1/10W
R2	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R3	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R4	1-216-814-11	s	METAL, CHIP 270 5% 1/16W



## (PRE-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R5	1-216-833-11	s METAL, CHIP 10k 5% 1/16W
R6	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R9	1-216-821-11	s METAL, CHIP 1k 5% 1/16W
R10	1-216-837-11	s METAL, CHIP 22k 5% 1/16W
R11	1-216-841-11	s METAL, CHIP 47k 5% 1/16W
R101	1-218-740-11	s METAL 100k 0.5% 1/16W
R102	1-218-740-11	s METAL 100k 0.5% 1/16W
R103	1-216-804-11	s METAL, CHIP 39 5% 1/16W
R104	1-216-804-11	s METAL, CHIP 39 5% 1/16W
R113	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R114	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R115	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R116	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R117	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R118	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R120	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R121	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R124	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R125	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R126	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R127	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R128	1-218-702-11	s METAL, CHIP 2.7k 0.5% 1/16W
R129	1-218-691-11	s METAL, CHIP 910 0.5% 1/16W
R132	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R133	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R134	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R135	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R136	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R137	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R151	1-218-740-11	s METAL 100k 0.5% 1/16W
R152	1-218-740-11	s METAL 100k 0.5% 1/16W
R153	1-216-804-11	s METAL, CHIP 39 5% 1/16W
R154	1-216-804-11	s METAL, CHIP 39 5% 1/16W
R163	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R164	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R165	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R166	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R167	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R168	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R170	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R171	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R174	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R175	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R176	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R177	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R178	1-218-702-11	s METAL, CHIP 2.7k 0.5% 1/16W
R179	1-218-691-11	s METAL, CHIP 910 0.5% 1/16W
R182	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R183	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R184	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R185	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R186	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R187	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R191	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R201	1-218-740-11	s METAL 100k 0.5% 1/16W
R202	1-218-740-11	s METAL 100k 0.5% 1/16W
R203	1-216-804-11	s METAL, CHIP 39 5% 1/16W
R204	1-216-804-11	s METAL, CHIP 39 5% 1/16W
R213	1-216-023-00	s METAL, CHIP 82 5% 1/10W

## (PRE-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R214	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R215	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R216	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R217	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R218	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R220	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R221	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R224	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R225	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R226	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R227	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R228	1-218-702-11	s METAL, CHIP 2.7k 0.5% 1/16W
R229	1-218-691-11	s METAL, CHIP 910 0.5% 1/16W
R232	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R233	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R234	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R235	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R236	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R237	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R251	1-218-740-11	s METAL 100k 0.5% 1/16W
R252	1-218-740-11	s METAL 100k 0.5% 1/16W
R253	1-216-804-11	s METAL, CHIP 39 5% 1/16W
R254	1-216-804-11	s METAL, CHIP 39 5% 1/16W
R263	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R264	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R265	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R266	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R267	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R268	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R270	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R271	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R274	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R275	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R276	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R277	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R278	1-218-702-11	s METAL, CHIP 2.7k 0.5% 1/16W
R279	1-218-691-11	s METAL, CHIP 910 0.5% 1/16W
R282	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R283	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R284	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R285	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R286	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R287	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R291	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R301	1-218-679-91	s METAL, CHIP 300 0.5% 1/16W
R302	1-218-679-91	s METAL, CHIP 300 0.5% 1/16W
R303	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R304	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R305	1-216-833-11	s METAL, CHIP 10k 5% 1/16W
R306	1-216-833-11	s METAL, CHIP 10k 5% 1/16W
R307	1-216-833-11	s METAL, CHIP 10k 5% 1/16W
R308	1-216-833-11	s METAL, CHIP 10k 5% 1/16W
R311	1-218-740-11	s METAL 100k 0.5% 1/16W
R312	1-218-740-11	s METAL 100k 0.5% 1/16W
R313	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R314	1-216-023-00	s METAL, CHIP 82 5% 1/10W
R315	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R316	1-216-808-11	s METAL, CHIP 82 5% 1/16W
R317	1-216-023-00	s METAL, CHIP 82 5% 1/10W



(PRE-32 BOARD (DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R412	1-218-740-11	s	METAL, 100k 0.5% 1/16W
R413	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R414	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R415	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R416	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R417	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R418	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R420	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R421	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R422	1-216-845-11	s	METAL, CHIP 100k 5% 1/16W
R423	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R424	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R425	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R426	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R427	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R428	1-218-702-11	s	METAL, CHIP 2.7k 0.5% 1/16W
R429	1-218-696-11	s	METAL, CHIP 1.5k 0.5% 1/16W
R432	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R433	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R434	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R435	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R436	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R437	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R451	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W
R452	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W
R453	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R454	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R455	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R456	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R457	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R458	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R461	1-218-740-11	s	METAL, 100k 0.5% 1/16W
R462	1-218-740-11	s	METAL, 100k 0.5% 1/16W
R463	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R464	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R465	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R466	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R467	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R468	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R470	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R471	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R472	1-216-845-11	s	METAL, CHIP 100k 5% 1/16W
R473	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R474	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R475	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R476	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R477	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R478	1-218-702-11	s	METAL, CHIP 2.7k 0.5% 1/16W
R479	1-218-696-11	s	METAL, CHIP 1.5k 0.5% 1/16W
R482	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R483	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R484	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R485	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R486	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R487	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R491	1-216-809-11	s	METAL, CHIP 100 5% 1/16W



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PTC-84 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-662-908-11	o PRINTED CIRCUIT BOARD, PTC-84
CN220	1-566-767-11	s PIN, CONNECTOR 12P
CN222	1-564-002-11	s PIN, CONNECTOR 3P
CN223	1-506-468-11	s CONNECTOR, 3P, MALE
CN224	1-564-001-11	o CONNECTOR, 2P, MALE
PH1	8-719-991-24	s PHOTO TRANSISTOR GP1S23
PH2	8-719-991-24	s PHOTO TRANSISTOR GP1S23

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PTC-85 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-662-909-11	o PRINTED CIRCUIT BOARD, PTC-85
CN26	1-766-716-11	o CONNECTOR, BB 3P, MALE
Q1	8-729-926-31	s PHOTO TRANSISTOR PT483F1S

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PTC-86 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-662-910-11	o PRINTED CIRCUIT BOARD, PTC-86
CN24	1-565-876-11	o PIN, CONNECTOR (PC BOARD) 4P
CN25	1-778-662-11	o CONNECTOR, BB 6P, MALE
Q1	8-729-926-31	s PHOTO TRANSISTOR PT483F1S

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PTC-87 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-662-911-11	o PRINTED CIRCUIT BOARD, PTC-87
CN23	1-766-723-11	s CONNECTOR, BB 3P, FEMALE
D1	8-719-057-82	s DIODE TLN115A

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PTC-88 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-662-912-11	o PRINTED CIRCUIT BOARD, PTC-88
CN21	1-506-484-11	s CONNECTOR, 5P, MALE
CN22	1-506-481-11	s CONNECTOR, 2P, MALE
PH1	8-719-939-05	s PHOTOINTERRUPTER GP-1S54

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REC-32 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8318-779-A	o MOUNTED CIRCUIT BOARD, REC-32
C101	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C102	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C103	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C104	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C105	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C106	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C107	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C108	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C109	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C110	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C111	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C112	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C113	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C114	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C115	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C116	1-163-253-11	s CERAMIC, CHIP 120pF 5% 50V
C117	1-162-915-11	s CERAMIC, CHIP 10pF 0.5pF 50V
C141	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C142	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C143	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C144	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C151	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C152	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C153	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C154	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C155	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C156	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C157	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C158	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C159	1-164-005-11	s CERAMIC, CHIP 0.47uF 25V
C160	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C161	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C162	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C163	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C164	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C166	1-163-253-11	s CERAMIC, CHIP 120pF 5% 50V
C167	1-162-915-11	s CERAMIC, CHIP 10pF 0.5pF 50V
C168	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C169	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C171	1-104-852-11	s TANTALUM, CHIP 22uF 20% 10V
C172	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C192	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C201	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C202	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C203	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C204	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C205	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C206	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C207	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C208	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C209	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C210	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C211	1-163-222-11	s CERAMIC 5pF 0.25pF 50V
C212	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C213	1-163-222-11	s CERAMIC 5pF 0.25pF 50V
C214	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C215	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V



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Ref. No. or Q'ty	Part No.	SP Description
C216	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C217	1-162-918-11 s	CERAMIC, CHIP 18pF 5% 50V
C218	1-161-494-00 s	CERAMIC 0.022uF 25V
C219	1-161-494-00 s	CERAMIC 0.022uF 25V
C221	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C222	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C223	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C224	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C228	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C229	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C230	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C231	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V
C232	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C233	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V
C234	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C235	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C236	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C237	1-162-922-11 s	CERAMIC, CHIP 39pF 5% 50V
C241	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C242	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C243	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C244	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C245	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C246	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C247	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C248	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C249	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C250	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C251	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V
C252	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C253	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V
C254	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C255	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C257	1-162-918-11 s	CERAMIC, CHIP 18pF 5% 50V
C261	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C262	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C263	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C264	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C268	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C269	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C270	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C271	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V
C272	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C273	1-163-222-11 s	CERAMIC 5pF 0.25pF 50V
C274	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C275	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C277	1-162-922-11 s	CERAMIC, CHIP 39pF 5% 50V
C301	1-162-927-11 s	CERAMIC, CHIP 100pF 5% 50V
C302	1-162-927-11 s	CERAMIC, CHIP 100pF 5% 50V
C303	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C304	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C305	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C306	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C307	1-162-927-11 s	CERAMIC, CHIP 100pF 5% 50V
C308	1-162-927-11 s	CERAMIC, CHIP 100pF 5% 50V
C309	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C310	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C311	1-115-416-11 s	CERAMIC, CHIP 1000pF 5% 25V
C312	1-115-416-11 s	CERAMIC, CHIP 1000pF 5% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C314	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C315	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C316	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C317	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C320	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C321	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C322	1-164-383-11 s	CERAMIC 110pF 5% 50V
C323	1-164-383-11 s	CERAMIC 110pF 5% 50V
C330	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C331	1-104-852-11 s	TANTALUM, CHIP 22uF 20% 10V
C332	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C333	1-104-852-11 s	TANTALUM, CHIP 22uF 20% 10V
C334	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C335	1-104-852-11 s	TANTALUM, CHIP 22uF 20% 10V
C336	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C337	1-104-852-11 s	TANTALUM, CHIP 22uF 20% 10V
C338	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C339	1-104-852-11 s	TANTALUM, CHIP 22uF 20% 10V
C340	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C341	1-119-751-11 s	TANTALUM, CHIP 22uF 20% 16V
C342	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C343	1-119-751-11 s	TANTALUM, CHIP 22uF 20% 16V
C344	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C345	1-119-751-11 s	TANTALUM, CHIP 22uF 20% 16V
C346	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C347	1-119-751-11 s	TANTALUM, CHIP 22uF 20% 16V
C348	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C401	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C402	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C403	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C404	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C405	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C406	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C407	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C408	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C409	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C410	1-164-156-11 s	CERAMIC, CHIP 0.1uF 25V
C411	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C412	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C413	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C414	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
CN101	1-774-911-11 s	CONNECTOR, FPC 11P
CN102	1-563-018-11 o	CONNECTOR, FPC 34P
CN103	1-691-395-11 s	CONNECTOR, FPC 6P
FB301	1-543-813-21 s	CHOKE, NOISE, CHIP
FB302	1-543-813-21 s	CHOKE, NOISE, CHIP
FB303	1-543-813-21 s	CHOKE, NOISE, CHIP
FB304	1-543-813-21 s	CHOKE, NOISE, CHIP
FB305	1-412-364-11 s	INDUCTOR 0UH
FB306	1-412-364-11 s	INDUCTOR 0UH
FB311	1-412-364-11 s	INDUCTOR 0UH
FB312	1-412-364-11 s	INDUCTOR 0UH
IC201	8-759-012-13 s	IC MC10H125M
IC202	8-759-012-00 s	IC MC10H116M
IC203	8-759-012-13 s	IC MC10H125M
IC204	8-759-012-00 s	IC MC10H116M
IC401	8-759-441-31 s	IC MC14053BDTR2



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Ref. No. or Q'ty	Part No.	SP Description
IC402	8-759-441-31	s IC MC14053BDTR2
IC404	8-759-068-03	s IC NJM79L09UA
L101	1-414-407-11	s INDUCTOR 330uH
L102	1-414-407-11	s INDUCTOR 330uH
L103	1-409-556-11	s COIL, CHOKE 47uH
L104	1-414-398-11	s INDUCTOR, CHIP 10uH
L105	1-414-398-11	s INDUCTOR, CHIP 10uH
L106	1-414-398-11	s INDUCTOR, CHIP 10uH
L107	1-414-398-11	s INDUCTOR, CHIP 10uH
L108	1-414-398-11	s INDUCTOR, CHIP 10uH
L151	1-414-407-11	s INDUCTOR 330uH
L152	1-414-407-11	s INDUCTOR 330uH
L201	1-412-170-11	s INDUCTOR 0.47uH
L202	1-412-170-11	s INDUCTOR 0.47uH
L211	1-412-170-11	s INDUCTOR 0.47uH
L212	1-412-170-11	s INDUCTOR 0.47uH
L221	1-412-170-11	s INDUCTOR 0.47uH
L222	1-412-170-11	s INDUCTOR 0.47uH
L231	1-412-170-11	s INDUCTOR 0.47uH
L232	1-412-170-11	s INDUCTOR 0.47uH
L301	1-414-398-11	s INDUCTOR, CHIP 10uH
L302	1-414-398-11	s INDUCTOR, CHIP 10uH
L303	1-414-398-11	s INDUCTOR, CHIP 10uH
L304	1-414-398-11	s INDUCTOR, CHIP 10uH
L305	1-414-398-11	s INDUCTOR, CHIP 10uH
L307	1-410-381-11	s INDUCTOR CHIP 10uH
L308	1-410-381-11	s INDUCTOR CHIP 10uH
L309	1-410-381-11	s INDUCTOR CHIP 10uH
L310	1-410-381-11	s INDUCTOR CHIP 10uH
PS101	Δ 1-576-124-11	s LINK, IC 1A
PS301	Δ 1-533-539-11	s LINK, IC, CHIP 0.52A
PS302	Δ 1-576-124-11	s LINK, IC 1A
PS401	Δ 1-533-539-11	s LINK, IC, CHIP 0.52A
Q101	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q102	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q103	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q104	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q105	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q106	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q107	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q108	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q109	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q110	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q111	8-729-202-38	s TRANSISTOR 2SC3326N
Q112	8-729-202-38	s TRANSISTOR 2SC3326N
Q113	8-729-202-38	s TRANSISTOR 2SC3326N
Q114	8-729-202-38	s TRANSISTOR 2SC3326N
Q115	8-729-202-38	s TRANSISTOR 2SC3326N
Q116	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q117	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q120	8-729-921-69	s TRANSISTOR IMX4-T109
Q141	8-729-202-38	s TRANSISTOR 2SC3326N
Q142	8-729-202-38	s TRANSISTOR 2SC3326N
Q143	8-729-202-38	s TRANSISTOR 2SC3326N
Q144	8-729-202-38	s TRANSISTOR 2SC3326N
Q151	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q152	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q153	8-729-034-25	s TRANSISTOR 2SK322WQTL

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Ref. No. or Q'ty	Part No.	SP Description
Q154	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q155	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q156	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q157	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q158	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q159	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q160	8-729-034-25	s TRANSISTOR 2SK322WQTL
Q161	8-729-202-38	s TRANSISTOR 2SC3326N
Q162	8-729-202-38	s TRANSISTOR 2SC3326N
Q163	8-729-202-38	s TRANSISTOR 2SC3326N
Q164	8-729-202-38	s TRANSISTOR 2SC3326N
Q165	8-729-202-38	s TRANSISTOR 2SC3326N
Q166	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q167	8-729-140-47	s TRANSISTOR 2SC3735-T2B-B35
Q170	8-729-921-69	s TRANSISTOR IMX4-T109
Q191	8-729-106-68	s TRANSISTOR 2SC1615A-GP
Q201	8-729-202-38	s TRANSISTOR 2SC3326N
Q202	8-729-202-38	s TRANSISTOR 2SC3326N
Q203	8-729-202-38	s TRANSISTOR 2SC3326N
Q204	8-729-202-38	s TRANSISTOR 2SC3326N
Q205	8-729-031-37	s TRANSISTOR 2SC3837KT146Q
Q206	8-729-031-37	s TRANSISTOR 2SC3837KT146Q
Q207	8-729-202-38	s TRANSISTOR 2SC3326N
Q208	8-729-202-38	s TRANSISTOR 2SC3326N
Q209	8-729-926-27	s TRANSISTOR FMW10
Q210	8-729-926-27	s TRANSISTOR FMW10
Q211	8-729-202-38	s TRANSISTOR 2SC3326N
Q212	8-729-202-38	s TRANSISTOR 2SC3326N
Q215	8-729-031-37	s TRANSISTOR 2SC3837KT146Q
Q216	8-729-031-37	s TRANSISTOR 2SC3837KT146Q
Q217	8-729-202-38	s TRANSISTOR 2SC3326N
Q218	8-729-202-38	s TRANSISTOR 2SC3326N
Q219	8-729-926-27	s TRANSISTOR FMW10
Q220	8-729-926-27	s TRANSISTOR FMW10
Q221	8-729-202-38	s TRANSISTOR 2SC3326N
Q222	8-729-202-38	s TRANSISTOR 2SC3326N
Q225	8-729-031-37	s TRANSISTOR 2SC3837KT146Q
Q226	8-729-031-37	s TRANSISTOR 2SC3837KT146Q
Q227	8-729-202-38	s TRANSISTOR 2SC3326N
Q228	8-729-202-38	s TRANSISTOR 2SC3326N
Q229	8-729-926-27	s TRANSISTOR FMW10
Q230	8-729-926-27	s TRANSISTOR FMW10
Q231	8-729-202-38	s TRANSISTOR 2SC3326N
Q232	8-729-202-38	s TRANSISTOR 2SC3326N
Q235	8-729-031-37	s TRANSISTOR 2SC3837KT146Q
Q236	8-729-031-37	s TRANSISTOR 2SC3837KT146Q
Q237	8-729-202-38	s TRANSISTOR 2SC3326N
Q238	8-729-202-38	s TRANSISTOR 2SC3326N
Q239	8-729-926-27	s TRANSISTOR FMW10
Q240	8-729-926-27	s TRANSISTOR FMW10
Q301	8-729-907-46	s TRANSISTOR IMZ1
Q302	8-729-907-46	s TRANSISTOR IMZ1
Q305	8-729-902-96	s TRANSISTOR FMS1
Q306	8-729-902-96	s TRANSISTOR FMS1
Q307	8-729-122-63	s TRANSISTOR 2SA1226
Q308	8-729-122-63	s TRANSISTOR 2SA1226
Q309	8-729-202-38	s TRANSISTOR 2SC3326N
Q310	8-729-202-38	s TRANSISTOR 2SC3326N
Q401	8-729-907-00	s TRANSISTOR DTC114EU



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Ref. No. or Q'ty	Part No.	SP Description
Q402	8-729-028-73 s	TRANSISTOR DTA114EUA-T106
Q403	8-729-202-38 s	TRANSISTOR 2SC3326N
Q404	8-729-202-38 s	TRANSISTOR 2SC3326N
Q405	8-729-903-10 s	TRANSISTOR FMW1
Q406	8-729-903-10 s	TRANSISTOR FMW1
R101	1-218-827-11 s	METAL, CHIP 150 0.5% 1/16W
R102	1-218-827-11 s	METAL, CHIP 150 0.5% 1/16W
R103	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R104	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R109	1-208-798-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R110	1-208-798-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R111	1-208-752-11 s	METAL, CHIP 56 0.5% 1/10W
R112	1-208-752-11 s	METAL, CHIP 56 0.5% 1/10W
R113	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R114	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R115	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R116	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R117	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R118	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R120	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R121	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R122	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R123	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R124	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R125	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R126	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R127	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R128	1-208-792-11 s	METAL, CHIP 2.7k 0.5% 1/10W
R129	1-216-655-11 s	METAL, CHIP 1.5k 0.5% 1/10W
R132	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R133	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R134	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R135	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R136	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R137	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R141	1-216-845-11 s	METAL, CHIP 100k 5% 1/16W
R142	1-216-845-11 s	METAL, CHIP 100k 5% 1/16W
R143	1-216-833-11 s	METAL, CHIP 10k 5% 1/16W
R144	1-216-833-11 s	METAL, CHIP 10k 5% 1/16W
R145	1-218-863-11 s	METAL, CHIP 4.7k 0.5% 1/16W
R146	1-218-863-11 s	METAL, CHIP 4.7k 0.5% 1/16W
R147	1-216-845-11 s	METAL, CHIP 100k 5% 1/16W
R148	1-216-845-11 s	METAL, CHIP 100k 5% 1/16W
R149	1-216-833-11 s	METAL, CHIP 10k 5% 1/16W
R150	1-216-833-11 s	METAL, CHIP 10k 5% 1/16W
R151	1-218-827-11 s	METAL, CHIP 150 0.5% 1/16W
R152	1-218-827-11 s	METAL, CHIP 150 0.5% 1/16W
R153	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R154	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R159	1-208-798-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R160	1-208-798-11 s	METAL, CHIP 4.7k 0.5% 1/10W
R161	1-208-752-11 s	METAL, CHIP 56 0.5% 1/10W
R162	1-208-752-11 s	METAL, CHIP 56 0.5% 1/10W
R163	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R164	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R165	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R166	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R167	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R168	1-216-808-11 s	METAL, CHIP 82 5% 1/16W

## (REC-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R169	1-218-863-11 s	METAL, CHIP 4.7k 0.5% 1/16W
R170	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R171	1-216-808-11 s	METAL, CHIP 82 5% 1/16W
R172	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R173	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R174	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R175	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R176	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R177	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R178	1-208-792-11 s	METAL, CHIP 2.7k 0.5% 1/10W
R179	1-216-655-11 s	METAL, CHIP 1.5k 0.5% 1/10W
R180	1-218-863-11 s	METAL, CHIP 4.7k 0.5% 1/16W
R182	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R183	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R184	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R185	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R186	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R187	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R191	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R201	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R202	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R203	1-218-670-11 s	METAL, CHIP 120 0.5% 1/16W
R204	1-218-661-11 s	METAL, CHIP 51 0.5% 1/16W
R205	1-218-661-11 s	METAL, CHIP 51 0.5% 1/16W
R206	1-218-676-11 s	METAL, CHIP 220 0.5% 1/16W
R207	1-218-706-11 s	METAL, CHIP 3.9k 0.5% 1/16W
R208	1-216-039-00 s	METAL, CHIP 390 5% 1/10W
R209	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R210	1-216-039-00 s	METAL, CHIP 390 5% 1/10W
R211	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R212	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R214	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R215	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R216	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R217	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R220	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R221	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R222	1-216-825-11 s	METAL, CHIP 2.2k 5% 1/16W
R223	1-216-822-11 s	METAL, CHIP 1.2k 5% 1/16W
R231	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R232	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R233	1-218-670-11 s	METAL, CHIP 120 0.5% 1/16W
R234	1-218-661-11 s	METAL, CHIP 51 0.5% 1/16W
R235	1-218-661-11 s	METAL, CHIP 51 0.5% 1/16W
R236	1-218-676-11 s	METAL, CHIP 220 0.5% 1/16W
R237	1-218-706-11 s	METAL, CHIP 3.9k 0.5% 1/16W
R238	1-216-039-00 s	METAL, CHIP 390 5% 1/10W
R239	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R240	1-216-039-00 s	METAL, CHIP 390 5% 1/10W
R241	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R242	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R244	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R245	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R246	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R247	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R251	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R252	1-216-825-11 s	METAL, CHIP 2.2k 5% 1/16W
R253	1-216-822-11 s	METAL, CHIP 1.2k 5% 1/16W
R261	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W



## (REC-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R262	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R263	1-218-670-11 s	METAL 120 0.5% 1/16W
R264	1-218-661-11 s	METAL 51 0.5% 1/16W
R265	1-218-661-11 s	METAL 51 0.5% 1/16W
R266	1-218-676-11 s	METAL 220 0.5% 1/16W
R267	1-218-706-11 s	METAL 3.9k 0.5% 1/16W
R268	1-216-039-00 s	METAL, CHIP 390 5% 1/10W
R269	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R270	1-216-039-00 s	METAL, CHIP 390 5% 1/10W
R271	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R272	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R274	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R275	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R276	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R277	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R280	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R281	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R282	1-216-825-11 s	METAL, CHIP 2.2k 5% 1/16W
R283	1-216-822-11 s	METAL, CHIP 1.2k 5% 1/16W
R291	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R292	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R293	1-218-670-11 s	METAL 120 0.5% 1/16W
R294	1-218-661-11 s	METAL 51 0.5% 1/16W
R295	1-218-661-11 s	METAL 51 0.5% 1/16W
R296	1-218-676-11 s	METAL 220 0.5% 1/16W
R297	1-218-706-11 s	METAL 3.9k 0.5% 1/16W
R298	1-216-039-00 s	METAL, CHIP 390 5% 1/10W
R299	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R303	1-216-833-11 s	METAL, CHIP 10k 5% 1/16W
R304	1-216-833-11 s	METAL, CHIP 10k 5% 1/16W
R305	1-216-833-11 s	METAL, CHIP 10k 5% 1/16W
R306	1-216-833-11 s	METAL, CHIP 10k 5% 1/16W
R307	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R308	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R309	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R310	1-216-813-11 s	METAL, CHIP 220 5% 1/16W
R313	1-218-847-11 s	METAL, CHIP 1k 0.5% 1/16W
R314	1-218-873-11 s	METAL, CHIP 12k 0.5% 1/16W
R315	1-218-847-11 s	METAL, CHIP 1k 0.5% 1/16W
R316	1-218-873-11 s	METAL, CHIP 12k 0.5% 1/16W
R317	1-216-833-11 s	METAL, CHIP 10k 5% 1/16W
R318	1-216-833-11 s	METAL, CHIP 10k 5% 1/16W
R319	1-218-831-11 s	METAL, CHIP 220 0.5% 1/16W
R320	1-218-831-11 s	METAL, CHIP 220 0.5% 1/16W
R410	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R411	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R418	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R1210	1-216-039-00 s	METAL, CHIP 390 5% 1/10W
R1211	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R1212	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R1214	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R1215	1-216-829-11 s	METAL, CHIP 4.7k 5% 1/16W
R1216	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R1217	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R1221	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R1222	1-216-825-11 s	METAL, CHIP 2.2k 5% 1/16W
R1223	1-216-822-11 s	METAL, CHIP 1.2k 5% 1/16W
RB101	1-233-235-11 s	RESISTOR BLOCK, CHIP 10k x 4

## (REC-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
RB102	1-233-235-11 s	RESISTOR BLOCK, CHIP 10k x 4
RB401	1-233-237-11 s	RESISTOR BLOCK, CHIP 100k x 4
RB402	1-239-412-11 s	RESISTOR BLOCK, CHIP 100
RB403	1-233-237-11 s	RESISTOR BLOCK, CHIP 100k x 4
RB404	1-239-412-11 s	RESISTOR BLOCK, CHIP 100
RB405	1-233-449-11 s	RESISTOR BLOCK, CHIP 4.7k x 4
RB406	1-233-235-11 s	RESISTOR BLOCK, CHIP 10k x 4
RB407	1-239-999-11 s	RESISTOR BLOCK, CHIP 1k x 4
RB408	1-233-449-11 s	RESISTOR BLOCK, CHIP 4.7k x 4

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RM-159 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-662-916-11 o	PRINTED CIRCUIT BOARD, RM-159
CN11	1-778-666-11 o	CONNECTOR, FPC 9P
CN12	1-565-876-11 o	PIN, CONNECTOR (PC BOARD) 4P
CN13	1-564-013-11 o	CONNECTOR 3P, MALE
CN14	1-564-718-11 o	CONNECTOR, 2P, MALE

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RM-160 BOARD(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-662-919-11 o	PRINTED CIRCUIT BOARD, RM-160
CN15	1-778-666-11 o	CONNECTOR, FPC 9P
CN16	1-565-876-11 o	PIN, CONNECTOR (PC BOARD) 4P
CN17	1-564-013-11 o	CONNECTOR 3P, MALE
CN18	1-564-718-11 o	CONNECTOR 2P, MALE



RP-90 BOARD(DSR-85/85P)

(RP-90 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8318-781-A	o MOUNTED CIRCUIT BOARD, RP-90
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
1pc	7-621-759-45	s +PSW, 2.6x6
C4	1-104-664-11	s ELECT 47uF 20% 25V
C6	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C100	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C101	1-104-664-11	s ELECT 47uF 20% 25V
C102	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C105	1-104-664-11	s ELECT 47uF 20% 25V
C106	1-104-664-11	s ELECT 47uF 20% 25V
C107	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C109	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C201	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C202	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C203	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C204	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C205	1-126-964-11	s ELECT 10uF 20% 50V
C206	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C207	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C208	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C209	1-163-253-11	s CERAMIC, CHIP 120pF 5% 50V
C210	1-163-233-11	s CERAMIC, CHIP 18pF 5% 50V
C211	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C212	1-126-964-11	s ELECT 10uF 20% 50V
C213	1-163-087-00	s CERAMIC, CHIP 4pF 50V
C214	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C215	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C216	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C217	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C218	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C219	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C220	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C221	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C222	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C223	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C224	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C225	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C226	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C227	1-163-143-00	s CERAMIC, CHIP 0.0012uF 5% 50V
C228	1-164-182-11	s CERAMIC, CHIP 0.0033uF 10% 100V
C229	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C230	1-163-222-11	s CERAMIC 5pF 0.25pF 50V
C231	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C232	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C233	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C234	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C235	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C236	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C237	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C238	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C239	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C240	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C241	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C242	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C243	1-135-149-21	s TANTALUM, CHIP 2.2uF 10% 10V
C244	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C301	1-126-964-11	s ELECT 10uF 20% 50V
C302	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V

Ref. No. or Q'ty	Part No.	SP Description
C303	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C304	1-126-964-11	s ELECT 10uF 20% 50V
C305	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C306	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C307	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C308	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C309	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C310	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C311	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C312	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C313	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C314	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C315	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C316	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C317	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C318	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C319	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C320	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C321	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C326	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C327	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C329	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C330	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C337	1-164-182-11	s CERAMIC, CHIP 0.0033uF 10% 100V
C339	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C341	1-126-964-11	s ELECT 10uF 20% 50V
C342	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C346	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C348	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C349	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C350	1-163-019-00	s CERAMIC, CHIP 0.0068uF 10% 50V
C351	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C352	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C353	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C354	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C358	1-135-149-21	s TANTALUM, CHIP 2.2uF 10% 10V
C359	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C362	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C363	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C364	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C365	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C366	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C369	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C370	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C371	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C372	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C373	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C375	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C376	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C377	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C379	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C380	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C381	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C382	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C383	1-163-113-00	s CERAMIC, CHIP 68pF 5% 50V
C405	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C407	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C408	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C409	1-104-664-11	s ELECT 47uF 20% 25V



## (RP-90 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C412	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C413	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C414	1-104-664-11 s	ELECT 47uF 20% 25V
C504	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C505	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C507	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C508	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C509	1-163-245-11 s	CERAMIC, CHIP 56pF 5% 50V
C510	1-163-245-11 s	CERAMIC, CHIP 56pF 5% 50V
C511	1-104-664-11 s	ELECT 47uF 20% 25V
C512	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C513	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C514	1-104-664-11 s	ELECT 47uF 20% 25V
C515	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C516	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C519	1-104-664-11 s	ELECT 47uF 20% 25V
C520	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C521	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C522	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C523	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C528	1-126-964-11 s	ELECT 10uF 20% 50V
C529	1-126-964-11 s	ELECT 10uF 20% 50V
C606	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C607	1-104-664-11 s	ELECT 47uF 20% 25V
C609	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C617	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C620	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C621	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C706	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C714	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C717	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C718	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C753	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C754	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C801	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C802	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C803	1-104-664-11 s	ELECT 47uF 20% 25V
C804	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C805	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C806	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C807	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C808	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C809	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C810	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C811	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C812	1-104-664-11 s	ELECT 47uF 20% 25V
C813	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C814	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C815	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C816	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C817	1-126-964-11 s	ELECT 10uF 20% 50V
C818	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C819	1-126-964-11 s	ELECT 10uF 20% 50V
C820	1-104-664-11 s	ELECT 47uF 20% 25V
C821	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C822	1-126-964-11 s	ELECT 10uF 20% 50V
C823	1-126-934-11 s	ELECT 220uF 20% 16V
C824	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V

## (RP-90 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
CN120	1-778-262-12 o	CONNECTOR, BB 148P, MALE
CN801	1-506-491-11 s	CONNECTOR, 12P, MALE
D2	8-719-938-72 s	DIODE SB01-05CP
D301	8-719-941-23 s	DIODE DA204U
D302	8-719-941-23 s	DIODE DA204U
D303	8-719-941-23 s	DIODE DA204U
D304	8-719-941-23 s	DIODE DA204U
D305	8-719-989-08 s	DIODE RB717F
D401	8-719-941-23 s	DIODE DA204U
D402	8-719-941-23 s	DIODE DA204U
D403	8-719-941-23 s	DIODE DA204U
D801	8-719-941-23 s	DIODE DA204U
D802	8-719-404-35 s	DIODE MA141WK
D803	8-719-938-72 s	DIODE SB01-05CP
DL201	1-411-983-11 s	DELAY LINE, CHIP 47ns
DL202	1-411-982-11 s	DELAY LINE, CHIP 12ns
E201	1-535-881-21 o	TERMINAL, TP
E301	1-535-881-21 o	TERMINAL, TP
E302	1-535-881-21 o	TERMINAL, TP
E801	1-535-881-21 o	TERMINAL, TP
FL201	1-233-754-11 s	FILTER, LOW-PASS 10MHz
FL202	1-233-756-11 s	FILTER, BAND-PASS 10MHz
FL203	1-234-158-21 s	FILTER, LOW-PASS 50MHz
FL301	1-239-560-11 s	FILTER, NOISE, CHIP
FL302	1-239-560-11 s	FILTER, NOISE, CHIP
IC2	8-759-396-60 s	IC TA78M10F(TE16L)
IC100	8-759-095-59 s	IC M5237ML-TP1
IC102	8-759-271-86 s	IC TC75H04FU
IC201	8-752-076-55 s	IC CXA3059Q
IC202	8-759-064-36 s	IC MB88346BPFV
IC203	8-759-112-53 s	IC UPC1663G
IC301	8-752-076-54 s	IC CXA3058Q
IC302	8-759-012-00 s	IC MC10H116M
IC303	8-759-183-53 s	IC TL431CPK-E2
IC304	8-759-012-13 s	IC MC10H125M
IC306	8-759-012-03 s	IC MC10H131MEL
IC307	8-752-070-50 s	IC CXA1866Q
IC310	8-759-271-86 s	IC TC75H04FU
IC313	8-759-481-73 s	IC SN74LVC125APW-E20
IC314	8-759-196-97 s	IC TC75H32FU-TE85R
IC403	8-759-233-60 s	IC TC74HC4075AF(EL)
IC404	8-759-178-20 s	IC M62354FP
IC414	8-759-491-45 s	IC TC74VHCT00AFT(EL)
IC503	8-759-011-65 s	IC MC74HC4053F
IC504	8-759-981-48 s	IC TL082M
IC604	8-759-981-48 s	IC TL082M
IC704	8-759-981-48 s	IC TL082M
IC801	8-759-238-51 s	IC TC74HC4051AF(EL)
IC802	8-759-238-51 s	IC TC74HC4051AF(EL)
IC803	8-759-485-85 s	IC MC1496DR2
IC804	8-759-981-48 s	IC TL082M
IC805	8-759-182-84 s	IC PQ05SZ5U
L101	1-424-673-11 s	COIL, CHOKE 4.7uH
L102	1-410-381-11 s	INDUCTOR CHIP 10uH
L104	1-410-381-11 s	INDUCTOR CHIP 10uH
L201	1-408-777-00 s	INDUCTOR CHIP 10uH
L202	1-410-657-21 s	INDUCTOR CHIP 180uH



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Ref. No. or Q'ty	Part No.	SP Description
L204	1-410-384-31	s INDUCTOR CHIP 18uH
L207	1-408-777-00	s INDUCTOR CHIP 10uH
L301	1-408-777-00	s INDUCTOR CHIP 10uH
L302	1-410-381-11	s INDUCTOR CHIP 10uH
L304	1-410-381-11	s INDUCTOR CHIP 10uH
L306	1-410-381-11	s INDUCTOR CHIP 10uH
L307	1-410-381-11	s INDUCTOR CHIP 10uH
L308	1-410-381-11	s INDUCTOR CHIP 10uH
L405	1-410-381-11	s INDUCTOR CHIP 10uH
L504	1-408-397-00	s INDUCTOR 1uH
L505	1-408-397-00	s INDUCTOR 1uH
L509	1-410-381-11	s INDUCTOR CHIP 10uH
L510	1-410-381-11	s INDUCTOR CHIP 10uH
L710	1-410-381-11	s INDUCTOR CHIP 10uH
L711	1-410-381-11	s INDUCTOR CHIP 10uH
L801	1-410-393-11	s INDUCTOR CHIP 100uH
L802	1-410-381-11	s INDUCTOR CHIP 10uH
PS101	Δ 1-532-679-00	s LINK, IC
PS102	Δ 1-532-605-00	s LINK, IC 0.4A
PS401	Δ 1-532-679-00	s LINK, IC
PS501	Δ 1-532-605-00	s LINK, IC 0.4A
PS502	Δ 1-532-679-00	s LINK, IC
Q102	8-729-014-93	s TRANSISTOR 2SB1440S-TX
Q201	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q202	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q203	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q204	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q205	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q206	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q207	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q208	8-729-907-46	s TRANSISTOR IMZ1
Q209	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q210	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q211	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q302	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q304	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q310	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q311	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q312	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q313	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q401	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q419	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q420	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q506	8-729-921-69	s TRANSISTOR IMX4-T109
Q510	8-729-907-46	s TRANSISTOR IMZ1
Q511	8-729-907-46	s TRANSISTOR IMZ1
Q515	8-729-907-46	s TRANSISTOR IMZ1
Q516	8-729-907-46	s TRANSISTOR IMZ1
Q517	8-729-216-22	s TRANSISTOR 2SA1162
Q518	8-729-216-22	s TRANSISTOR 2SA1162
Q519	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q520	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q607	8-729-903-10	s TRANSISTOR FMW1
Q609	8-729-922-87	s TRANSISTOR 2SD1757K-T146-RS
Q617	8-729-903-10	s TRANSISTOR FMW1
Q619	8-729-922-87	s TRANSISTOR 2SD1757K-T146-RS
Q707	8-729-903-10	s TRANSISTOR FMW1
Q709	8-729-922-87	s TRANSISTOR 2SD1757K-T146-RS

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Ref. No. or Q'ty	Part No.	SP Description
Q717	8-729-903-10	s TRANSISTOR FMW1
Q719	8-729-922-87	s TRANSISTOR 2SD1757K-T146-RS
Q801	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q802	8-729-042-52	s TRANSISTOR IMT1AT108
Q803	8-729-042-52	s TRANSISTOR IMT1AT108
Q804	8-729-042-52	s TRANSISTOR IMT1AT108
Q805	8-729-042-52	s TRANSISTOR IMT1AT108
Q806	8-729-042-52	s TRANSISTOR IMT1AT108
Q807	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q808	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q809	8-729-013-37	s TRANSISTOR 2SC4213-AB-TE85L
Q810	8-729-907-46	s TRANSISTOR IMZ1
Q811	8-729-926-27	s TRANSISTOR FMW10
Q812	8-729-903-10	s TRANSISTOR FMW1
Q813	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q814	8-729-903-10	s TRANSISTOR FMW1
Q815	8-729-907-46	s TRANSISTOR IMZ1
Q817	8-729-042-52	s TRANSISTOR IMT1AT108
R100	1-208-804-11	s METAL, CHIP 8.2k 0.5% 1/10W
R101	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R102	1-208-766-11	s METAL, CHIP 220 0.5% 1/10W
R104	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R105	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R201	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R202	1-208-815-11	s METAL, CHIP 24k 0.5% 1/10W
R203	1-208-846-11	s METAL, CHIP 470k 0.5% 1/10W
R205	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R206	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R207	1-208-781-11	s METAL, CHIP 910 0.5% 1/10W
R208	1-208-773-11	s METAL, CHIP 430 0.5% 1/10W
R209	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R210	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R211	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R212	1-208-771-11	s METAL, CHIP 360 0.5% 1/10W
R213	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R214	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R215	1-208-802-11	s METAL, CHIP 6.8k 0.5% 1/10W
R216	1-208-798-11	s METAL, CHIP 4.7k 0.5% 1/10W
R217	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R218	1-208-776-11	s METAL, CHIP 560 0.5% 1/10W
R219	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R220	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R221	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R222	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
R223	1-208-815-11	s METAL, CHIP 24k 0.5% 1/10W
R224	1-208-772-11	s METAL, CHIP 390 0.5% 1/10W
R225	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R226	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R227	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R228	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R229	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R230	1-208-764-11	s METAL, CHIP 180 0.5% 1/10W
R231	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R232	1-208-766-11	s METAL, CHIP 220 0.5% 1/10W
R234	1-208-766-11	s METAL, CHIP 220 0.5% 1/10W
R236	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R237	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R238	1-216-049-91	s METAL, CHIP 1k 5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R239	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R240	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R241	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R242	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R243	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R244	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R245	1-208-778-11 s	METAL, CHIP 680 0.5% 1/10W
R250	1-208-799-11 s	METAL, CHIP 5.1k 0.5% 1/10W
R302	1-208-781-11 s	METAL, CHIP 910 0.5% 1/10W
R303	1-208-781-11 s	METAL, CHIP 910 0.5% 1/10W
R304	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R305	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R306	1-208-771-11 s	METAL, CHIP 360 0.5% 1/10W
R307	1-208-772-11 s	METAL, CHIP 390 0.5% 1/10W
R308	1-208-771-11 s	METAL, CHIP 360 0.5% 1/10W
R309	1-208-772-11 s	METAL, CHIP 390 0.5% 1/10W
R310	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R311	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R312	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R313	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R314	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R315	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R316	1-216-017-91 s	METAL, CHIP 0 5% 1/10W
R317	1-208-834-11 s	METAL, CHIP 150k 0.5% 1/10W
R318	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R319	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R320	1-208-824-11 s	METAL, CHIP 56k 0.5% 1/10W
R321	1-208-813-11 s	METAL, CHIP 20k 0.5% 1/10W
R322	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R323	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R324	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R325	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R326	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R328	1-208-756-11 s	METAL, CHIP 82 0.5% 1/10W
R329	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R330	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R331	1-208-830-11 s	METAL, CHIP 100k 0.5% 1/10W
R332	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R333	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R335	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R337	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R340	1-208-780-11 s	METAL, CHIP 820 0.5% 1/10W
R342	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R343	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R344	1-208-795-11 s	METAL, CHIP 3.6k 0.5% 1/10W
R345	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R350	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R351	1-208-812-11 s	METAL, CHIP 18k 0.5% 1/10W
R355	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R358	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R359	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R361	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R363	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R371	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R374	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R378	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R380	1-208-804-11 s	METAL, CHIP 8.2k 0.5% 1/10W
R381	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R383	1-208-773-11 s	METAL, CHIP 430 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R384	1-208-795-11 s	METAL, CHIP 3.6k 0.5% 1/10W
R392	1-208-828-11 s	METAL, CHIP 82k 0.5% 1/10W
R395	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R397	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R407	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R408	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R409	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R411	1-208-764-11 s	METAL, CHIP 180 0.5% 1/10W
R431	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R432	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R433	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R434	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R439	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R440	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R441	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R452	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R453	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R454	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R455	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R456	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R501	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R502	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R503	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R528	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R529	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R530	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R531	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R532	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R533	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R539	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R540	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R541	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R547	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R548	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R549	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R550	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R551	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R552	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R553	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R554	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R555	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R556	1-208-771-11 s	METAL, CHIP 360 0.5% 1/10W
R557	1-208-771-11 s	METAL, CHIP 360 0.5% 1/10W
R601	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R602	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R603	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R604	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R618	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R619	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R620	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R621	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R626	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R627	1-208-768-11 s	METAL, CHIP 270 0.5% 1/10W
R643	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R644	1-208-770-11 s	METAL, CHIP 330 0.5% 1/10W
R645	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R646	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R651	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R652	1-208-768-11 s	METAL, CHIP 270 0.5% 1/10W



## (RP-90 BOARD(DSR-85/85P))

## (RP-90 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R701	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R702	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R703	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R704	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R716	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R717	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R718	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R719	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R724	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R725	1-208-768-11	s METAL, CHIP 270 0.5% 1/10W
R741	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R742	1-208-770-11	s METAL, CHIP 330 0.5% 1/10W
R743	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R744	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R749	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R762	1-208-768-11	s METAL, CHIP 270 0.5% 1/10W
R801	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R802	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R803	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R804	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R805	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R806	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R807	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R808	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R809	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R810	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R811	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R812	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R813	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R814	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R815	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10
R816	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R817	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R818	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R819	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R820	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R821	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R822	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R823	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R824	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R825	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R826	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R827	1-208-820-11	s METAL, CHIP 39k 0.5% 1/10W
R828	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R829	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R830	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R832	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R833	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R835	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R837	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R838	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R843	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
RB301	1-239-389-11	s RESISTOR BLOCK, CHIP 47k x 4
RB302	1-233-236-11	s RESISTOR BLOCK, CHIP 47k x 4
RB401	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB402	1-239-389-11	s RESISTOR BLOCK, CHIP 47k x 4
RB403	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB801	1-239-389-11	s RESISTOR BLOCK, CHIP 47k x 4

Ref. No. or Q'ty	Part No.	SP Description
RB802	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB803	1-239-999-11	s RESISTOR BLOCK, CHIP 1k x 4
RB804	1-239-419-11	s RESISTOR BLOCK, CHIP 470 x 4
RB805	1-239-419-11	s RESISTOR BLOCK, CHIP 470 x 4
RB806	1-239-419-11	s RESISTOR BLOCK, CHIP 470 x 4
S801	1-554-963-21	s SWITCH, ROTARY
S802	1-692-535-11	s SWITCH, DIP, CHIP 4-CKT
S803	1-692-271-31	s SWITCH, SLIDE
TP801	1-535-881-21	o TERMINAL, TP
TP802	1-535-881-21	o TERMINAL, TP
TP804	1-535-881-21	o TERMINAL, TP
TP805	1-535-881-21	o TERMINAL, TP



## SDI-27 BOARD(DSBK-120/120P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-890-A	o MOUNTED CIRCUIT BOARD, SDI-27
2pcs	7-621-759-45	s +PSW, 2.6x6
2pcs	7-623-422-07	s LW 3, TYPE B
C101	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C102	1-117-232-11	s TANTALUM 22uF 20% 4V
C103	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C104	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C105	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C106	1-117-232-11	s TANTALUM 22uF 20% 4V
C107	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C108	1-107-682-11	s CERAMIC, CHIP 1uF 10% 16V
C109	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C110	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C112	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C113	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C114	1-135-259-11	s TANTALUM, CHIP 10uF 20% 6.3V
C115	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C116	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C117	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C118	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C119	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C120	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C121	1-117-232-11	s TANTALUM 22uF 20% 4V
C122	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C123	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C124	1-107-682-11	s CERAMIC, CHIP 1uF 10% 16V
C125	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C126	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C127	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C128	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C129	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C130	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C131	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C132	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C133	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C134	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C135	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C136	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C137	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C138	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C139	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C140	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C141	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C143	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C144	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C145	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C146	1-163-085-00	s CERAMIC, CHIP 2pF 50V
C201	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C202	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C203	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C204	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C205	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C206	1-126-925-11	s ELECT 470uF 20% 10V
C207	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C208	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C209	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C210	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C301	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V

## (SDI-27 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP Description
C302	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C305	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C306	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C309	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C310	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C312	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C313	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C314	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C315	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C317	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C318	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C319	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C320	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C321	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C322	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
CN27	1-774-376-11	s CONNECTOR, BB 68P
CN101	1-750-880-11	s RECEPTACLE, COAXIAL CONNECTOR
CN102	1-750-880-11	s RECEPTACLE, COAXIAL CONNECTOR
D102	8-719-987-43	s DIODE CL-150PG-CD
D201	8-719-987-43	s DIODE CL-150PG-CD
D204	8-719-989-22	s LED CL-150R-CD, RED
D301	8-719-989-22	s LED CL-150R-CD, RED
D302	8-719-989-22	s LED CL-150R-CD, RED
D303	8-719-989-22	s LED CL-150R-CD, RED
D304	8-719-989-22	s LED CL-150R-CD, RED
D305	8-719-987-43	s DIODE CL-150PG-CD
D306	8-719-987-43	s DIODE CL-150PG-CD
D307	8-719-987-43	s DIODE CL-150PG-CD
D308	8-719-987-43	s DIODE CL-150PG-CD
E101	1-535-881-21	o TERMINAL, TP
E301	1-535-881-21	o TERMINAL, TP
FB102	1-543-644-11	s BEAD, FERRITE (CHIP)
FB103	1-543-644-11	s BEAD, FERRITE (CHIP)
FB105	1-543-644-11	s BEAD, FERRITE (CHIP)
FB106	1-543-644-11	s BEAD, FERRITE (CHIP)
FB107	1-543-644-11	s BEAD, FERRITE (CHIP)
FB108	1-543-644-11	s BEAD, FERRITE (CHIP)
FB109	1-543-644-11	s BEAD, FERRITE (CHIP)
IC101	8-759-324-03	s IC HA17431UA-TL
IC102	8-752-078-34	s IC CXB1342R
IC103	8-759-490-41	s IC TC74VHCT541AFT(EL)
IC104	8-759-490-41	s IC TC74VHCT541AFT(EL)
IC108	8-759-058-58	s IC TC7S04FU(TE85R)
IC201	8-759-058-64	s IC TC7S32FU(TE85R)
IC202	8-759-172-72	s IC CXD8386AQ
IC203	8-759-925-74	s IC SN74HC04ANS
IC205	8-759-524-50	s IC TC74VHC541FT(EL)
IC206	8-759-524-50	s IC TC74VHC541FT(EL)
IC301	8-759-926-49	s IC SN74HC245ANS
IC302	8-759-926-77	s IC SN74HC541ANS
IC305	8-759-186-77	s IC TC74VHC541F
IC306	8-759-186-38	s IC TC74VHC32F(EL)
IC307	8-759-186-49	s IC TC74VHC139F(EL)
IC308	8-759-186-27	s IC TC74VHCT04F(EL)



## (SDI-27 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP Description
IC309	8-759-289-69 s	IC CXD8280AQ
IC312	8-759-239-55 s	IC TC74HC123AF
IC313	8-759-239-55 s	IC TC74HC123AF
IC314	8-759-925-76 s	IC SN74HC08NS
IC315	8-759-186-63 s	IC TC74VHC245F(EL)
IC316	8-759-186-77 s	IC TC74VHC541F
IC317	8-759-186-30 s	IC TC74VHC14F(EL)
L101	1-410-795-41 s	INDUCTOR CHIP 0.01uH
L201	1-412-533-21 s	INDUCTOR 47uH
L202	1-412-533-21 s	INDUCTOR 47uH
Q101	8-729-807-51 s	TRANSISTOR 2SD1623-S
Q102	8-729-105-68 s	TRANSISTOR 2SC3356-K
Q103	8-729-105-68 s	TRANSISTOR 2SC3356-K
Q104	8-729-105-68 s	TRANSISTOR 2SC3356-K
Q105	8-729-028-91 s	TRANSISTOR DTA144EUA-T106
Q201	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q202	8-729-028-91 s	TRANSISTOR DTA144EUA-T106
R101	1-220-259-11 s	METAL, CHIP 150 5% 1/4W
R102	1-208-787-11 s	METAL, CHIP 1.6k 0.5% 1/10W
R103	1-208-750-11 s	METAL, CHIP 47 0.5% 1/10W
R104	1-208-799-11 s	METAL, CHIP 5.1k 0.50% 1/10W
R105	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R106	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R107	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R112	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R113	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R114	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R115	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R116	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R117	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R118	1-208-808-11 s	METAL, CHIP 12k 0.5% 1/10W
R120	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R121	1-208-755-11 s	METAL, CHIP 75 0.5% 1/10W
R122	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R123	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R124	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R125	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R128	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R129	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R130	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R131	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R133	1-216-035-00 s	METAL, CHIP 270 5% 1/10W
R134	1-211-960-11 s	METAL, CHIP 24 0.5% 1/10W
R135	1-216-035-00 s	METAL, CHIP 270 5% 1/10W
R137	1-211-967-11 s	METAL, CHIP 43 0.5% 1/10W
R138	1-208-754-11 s	METAL, CHIP 68 0.5% 1/10W
R139	1-211-960-11 s	METAL, CHIP 24 0.5% 1/10W
R140	1-208-780-11 s	METAL, CHIP 820 0.5% 1/10W
R141	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R145	1-208-762-11 s	METAL, CHIP 270k 0.50% 1/10W
R146	1-208-754-11 s	METAL, CHIP 68 0.5% 1/10W
R147	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R155	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R156	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R201	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R203	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R207	1-216-295-91 s	METAL, CHIP 0 5% 1/10W

## (SDI-27 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP Description
R208	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R223	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R227	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R228	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R229	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R233	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R234	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R302	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R303	1-216-109-00 s	METAL, CHIP 330k 5% 1/10W
R304	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R306	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R308	1-216-115-00 s	METAL, CHIP 560k 5% 1/10W
R309	1-216-115-00 s	METAL, CHIP 560k 5% 1/10W
R310	1-216-115-00 s	METAL, CHIP 560k 5% 1/10W
R311	1-216-115-00 s	METAL, CHIP 560k 5% 1/10W
R312	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R313	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R314	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R315	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R316	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R317	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R318	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R319	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
RB101	1-239-412-11 s	RESISTOR BLOCK, CHIP 100
RB102	1-239-412-11 s	RESISTOR BLOCK, CHIP 100
RB103	1-239-409-11 s	RESISTOR BLOCK, CHIP 47x4
RB201	1-239-621-11 s	NETWORK RESISTOR (CHIP) 22
RB202	1-239-621-11 s	NETWORK RESISTOR (CHIP) 22
RB203	1-239-621-11 s	NETWORK RESISTOR (CHIP) 22
RB301	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB302	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB303	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB304	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB305	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RB306	1-239-998-11 s	RESISTOR BLOCK, CHIP 100 x 4
RV101	1-241-262-11 s	RES, ADJ, METAL 2k



## SDI-28 BOARD(DSBK-120/120P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-892-A	o MOUNTED CIRCUIT BOARD, SDI-28
2pcs	7-621-759-45	s +PSW, 2.6x6
2pcs	7-623-422-07	s LW 3, TYPE B
C101	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C103	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C104	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C106	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C107	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C108	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C109	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C110	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C111	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C112	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C113	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C114	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C115	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C116	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C117	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C118	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C119	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C120	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C121	1-126-925-11	s ELECT 470uF 20% 10V
C122	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C123	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C124	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C127	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C128	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C129	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C130	1-163-239-11	s CERAMIC, CHIP 33pF 5% 50V
C206	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C207	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C210	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C213	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C214	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C215	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C216	1-135-259-11	s TANTALUM, CHIP 10uF 20% 6.3V
C217	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C219	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C220	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C221	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C222	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C223	1-117-232-11	s TANTALUM 22uF 20% 4V
C224	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C225	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C226	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C227	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C228	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C229	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C230	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C231	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C232	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C233	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C234	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C235	1-163-089-00	s CERAMIC, CHIP 6pF 50V
C236	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V

## (SDI-28 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP Description
C237	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C238	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C239	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C240	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C241	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C242	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C243	1-115-169-11	s TANTALUM 10uF 20% 6.3V
C244	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C245	1-163-085-00	s CERAMIC, CHIP 2pF 50V
C246	1-163-085-00	s CERAMIC, CHIP 2pF 50V
C247	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C248	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C249	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C250	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C301	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C302	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C303	1-163-033-91	s CERAMIC 0.022uF 50V
C304	1-163-033-91	s CERAMIC 0.022uF 50V
C306	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
CN28	1-774-376-11	s CONNECTOR, BB 68P
CN201	1-750-880-11	s RECEPTACLE, COAXIAL CONNECTOR
CN202	1-750-880-11	s RECEPTACLE, COAXIAL CONNECTOR
D101	8-719-820-41	s DIODE 1SS302
D201	8-719-989-22	s LED CL-150R-CD, RED
E201	1-535-881-21	o TERMINAL, TP
E301	1-535-881-21	o TERMINAL, TP
FB201	1-543-644-11	s BEAD, FERRITE (CHIP)
FB203	1-543-644-11	s BEAD, FERRITE (CHIP)
FB204	1-543-644-11	s BEAD, FERRITE (CHIP)
FB205	1-543-644-11	s BEAD, FERRITE (CHIP)
FB206	1-543-644-11	s BEAD, FERRITE (CHIP)
IC101	8-759-491-41	s IC TC74VHCT541AF(EL)
IC103	8-759-491-46	s IC TC74VHCT04FT(EL)
IC104	8-759-186-53	s IC TC74VHC163F(EL)
IC105	8-759-186-53	s IC TC74VHC163F(EL)
IC106	8-759-523-84	s IC TC74VHC14FT(EL)
IC107	8-759-186-53	s IC TC74VHC163F(EL)
IC108	8-759-186-53	s IC TC74VHC163F(EL)
IC109	8-759-186-53	s IC TC74VHC163F(EL)
IC110	8-759-456-03	s IC M66256GP-E2
IC111	8-759-186-38	s IC TC74VHC32F(EL)
IC112	8-759-519-12	s IC CXD8281Q
IC113	8-759-172-73	s IC CXD8385Q
IC114	8-759-271-86	s IC TC7SH04FU
IC115	8-759-175-27	s IC TC74VHC574F
IC116	8-759-186-30	s IC TC74VHC14F(EL)
IC202	8-759-524-50	s IC TC74VHC541FT(EL)
IC203	8-759-524-50	s IC TC74VHC541FT(EL)
IC206	8-759-324-03	s IC HA17431UA-TL
IC207	8-752-078-32	s IC CXB1341R
IC301	8-759-483-67	s IC UPD78011FCW-026
IC303	8-759-926-80	s IC SN74HC573NS
IC304	8-759-276-00	s IC TC7W139FU(TL2R)
L101	1-412-533-21	s INDUCTOR 47uH
L102	1-412-533-21	s INDUCTOR 47uH
Q101	8-729-029-14	s TRANSISTOR DTC144EUA-T106



## (SDI-28 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP Description
Q102	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q103	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q201	8-729-807-51	s TRANSISTOR 2SD1623-S
Q202	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q203	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q204	8-729-105-68	s TRANSISTOR 2SC3356-K
Q205	8-729-105-68	s TRANSISTOR 2SC3356-K
Q206	8-729-105-68	s TRANSISTOR 2SC3356-K
Q207	8-729-105-68	s TRANSISTOR 2SC3356-K
R101	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R102	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R103	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R104	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R106	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R107	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R110	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R116	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R118	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R119	1-216-109-00	s METAL, CHIP 330k 5% 1/10W
R120	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R121	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R122	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R151	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R152	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R178	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R179	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R180	1-216-029-00	s METAL, CHIP 150 5% 1/10W
R181	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R182	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R183	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R201	1-208-810-11	s METAL, CHIP 15k 0.50% 1/10W
R202	1-208-810-11	s METAL, CHIP 15k 0.50% 1/10W
R203	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R204	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R205	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R206	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R207	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R208	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R209	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R210	1-208-808-11	s METAL, CHIP 12k 0.5% 1/10W
R211	1-220-259-11	s METAL, CHIP 150 5% 1/4W
R212	1-208-787-11	s METAL, CHIP 1.6k 0.5% 1/10W
R213	1-208-750-11	s METAL, CHIP 47 0.5% 1/10W
R214	1-208-799-11	s METAL, CHIP 5.1k 0.50% 1/10W
R215	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R217	1-208-768-11	s METAL, CHIP 270 0.5% 1/10W
R218	1-208-768-11	s METAL, CHIP 270 0.5% 1/10W
R219	1-208-750-11	s METAL, CHIP 47 0.5% 1/10W
R220	1-208-754-11	s METAL, CHIP 68 0.5% 1/10W
R221	1-208-764-11	s METAL, CHIP 180 0.5% 1/10W
R222	1-211-960-11	s METAL, CHIP 24 0.5% 1/10W
R223	1-211-967-11	s METAL, CHIP 43 0.5% 1/10W
R224	1-208-754-11	s METAL, CHIP 68 0.5% 1/10W
R225	1-211-960-11	s METAL, CHIP 24 0.5% 1/10W
R226	1-208-774-11	s METAL, CHIP 470 0.50% 1/10W
R227	1-208-750-11	s METAL, CHIP 47 0.5% 1/10W
R228	1-208-750-11	s METAL, CHIP 47 0.5% 1/10W
R229	1-208-750-11	s METAL, CHIP 47 0.5% 1/10W
R230	1-208-762-11	s METAL, CHIP 270k 0.50% 1/10W

## (SDI-28 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP Description
R231	1-208-762-11	s METAL, CHIP 270k 0.50% 1/10W
R232	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R233	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R234	1-208-754-11	s METAL, CHIP 68 0.5% 1/10W
R235	1-208-754-11	s METAL, CHIP 68 0.5% 1/10W
R236	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R237	1-208-750-11	s METAL, CHIP 47 0.5% 1/10W
R238	1-208-782-11	s METAL, CHIP 1k 0.5% 1/10W
R239	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R240	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R241	1-208-780-11	s METAL, CHIP 820 0.5% 1/10W
R301	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R302	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R303	1-216-109-00	s METAL, CHIP 330k 5% 1/10W
R304	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R305	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R306	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R307	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R308	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R309	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R310	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R311	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R312	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R319	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R320	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R321	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
RB101	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB102	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB103	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB104	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB105	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB106	1-239-412-11	s RESISTOR BLOCK, CHIP 100
RB107	1-239-412-11	s RESISTOR BLOCK, CHIP 100
RB108	1-239-412-11	s RESISTOR BLOCK, CHIP 100
RB112	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB113	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB114	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB203	1-239-412-11	s RESISTOR BLOCK, CHIP 100
RB204	1-239-412-11	s RESISTOR BLOCK, CHIP 100
RB205	1-239-412-11	s RESISTOR BLOCK, CHIP 100
RV201	1-241-262-11	s RES, ADJ, METAL 2k
X301	1-579-175-11	s RESONATOR, CERAMIC 10.00MHZ



## SDI-8 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-888-A	s MOUNTED CIRCUIT BOARD, SDI-8
1pc	7-621-759-45	s +PSW, 2.6x6
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
2pcs	3-189-543-03	o IC HEAT SINK (A)
2pcs	3-189-544-04	o IC HEAT SINK (B)
2pcs	7-621-770-87	s SCREW +B 2.6x5
C100	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C101	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C102	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C103	1-126-925-11	s ELECT 470uF 20% 10V
C104	1-126-925-11	s ELECT 470uF 20% 10V
C105	1-126-925-11	s ELECT 470uF 20% 10V
C106	1-163-237-11	s CERAMIC, CHIP 27pF 5% 50V
C107	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C108	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C109	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C110	1-126-925-11	s ELECT 470uF 20% 10V
C111	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C112	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C113	1-163-243-11	s CERAMIC, CHIP 47pF 5% 50V
C114	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C115	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C116	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C117	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C118	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C119	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C120	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C121	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C122	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C123	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C124	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C125	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C126	1-126-934-11	s ELECT 220uF 20% 16V
C127	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C128	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C129	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C130	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C131	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C132	1-126-934-11	s ELECT 220uF 20% 16V
C133	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C134	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C135	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C136	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C137	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C138	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C139	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C200	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C201	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C202	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C203	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C205	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C206	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C207	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C208	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C209	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C210	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C211	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V

## (SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C212	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C213	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C214	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C215	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C216	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C217	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C218	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C219	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C220	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C221	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C222	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C223	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C224	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C225	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C226	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C227	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C228	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C229	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C230	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C231	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C232	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C233	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C234	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C235	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C236	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C237	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C238	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C239	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C240	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C241	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C242	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C243	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C244	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C247	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C300	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C301	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C302	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C303	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C304	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C305	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C306	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C307	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C308	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C309	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C310	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C311	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C400	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C401	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C402	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C403	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C405	1-163-259-91	s CERAMIC, CHIP 220pF 5% 50V
C406	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C407	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C408	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C409	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C410	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C411	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C412	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C413	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V



## (SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C414	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C415	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C416	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C417	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C418	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C419	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C420	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C421	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C422	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C423	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C424	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C425	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C426	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C427	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C428	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C429	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C430	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C431	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C432	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C433	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C434	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C435	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C436	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C437	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C438	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C439	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C440	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C441	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C442	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C443	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C444	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C446	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C500	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C501	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C502	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C503	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C504	1-126-934-11	s ELECT 220uF 20% 16V
C505	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C507	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C508	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C509	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C510	1-163-121-00	s CERAMIC, CHIP 150pF 5% 50V
C511	1-126-934-11	s ELECT 220uF 20% 16V
C512	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C513	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C514	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C515	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C516	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C517	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C518	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C519	1-126-934-11	s ELECT 220uF 20% 16V
C520	1-126-934-11	s ELECT 220uF 20% 16V
C521	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C522	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
CN11	1-568-801-11	s CONNECTOR, FPC (ZIF) 24P
CN100	1-750-880-11	s RECEPTACLE, COAXIAL CONNECTOR
CN108	1-778-262-12	o CONNECTOR, BB 148P, MALE
CN500	1-750-880-11	s RECEPTACLE, COAXIAL CONNECTOR

## (SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
D100	8-719-404-35	s DIODE MA141WK
D101	8-719-987-43	s DIODE CL-150PG-CD
D102	8-719-404-35	s DIODE MA141WK
D103	8-719-989-22	s LED CL-150R-CD, RED
D500	8-719-404-35	s DIODE MA141WK
D501	8-719-989-22	s LED CL-150R-CD, RED
D502	8-719-404-35	s DIODE MA141WK
E100	1-535-881-21	o TERMINAL, TP
E200	1-535-881-21	o TERMINAL, TP
E300	1-535-881-21	o TERMINAL, TP
E400	1-535-881-21	o TERMINAL, TP
E500	1-535-881-21	o TERMINAL, TP
FB100	1-543-813-21	s CHOKE, NOISE, CHIP
FB101	1-543-813-21	s CHOKE, NOISE, CHIP
FB102	1-543-813-21	s CHOKE, NOISE, CHIP
FB500	1-543-813-21	s CHOKE, NOISE, CHIP
FB501	1-543-813-21	s CHOKE, NOISE, CHIP
FB502	1-543-813-21	s CHOKE, NOISE, CHIP
FB503	1-543-813-21	s CHOKE, NOISE, CHIP
FL200	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL201	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
FL202	1-233-674-21	s FILTER BLOCK, NOISE, CHIP
IC100	8-741-602-21	s IC SBX1602A
IC101	8-759-209-57	s IC TC4S69F
IC102	8-759-436-92	s IC MC10125P
IC103	8-759-436-92	s IC MC10125P
IC104	8-759-436-92	s IC MC10125P
IC106	8-759-186-51	s IC TC74VHC157FS(EL)
IC107	8-759-510-71	s IC UPC358G2-E2
IC110	8-759-324-03	s IC HA17431UA-TL
IC201	8-759-328-28	s IC ZA4024
IC202	8-759-328-28	s IC ZA4024
IC203	8-759-328-28	s IC ZA4024
IC204	8-759-328-28	s IC ZA4024
IC206	8-759-393-38	s IC SN74LVC245ANS-E20
IC207	8-759-393-38	s IC SN74LVC245ANS-E20
IC208	8-759-393-38	s IC SN74LVC245ANS-E20
IC209	8-759-186-38	s IC TC74VHC32F(EL)
IC210	8-759-393-38	s IC SN74LVC245ANS-E20
IC211	8-759-392-77	s IC SN74LVC245APW-E20
IC212	8-759-392-77	s IC SN74LVC245APW-E20
IC251	8-759-186-44	s IC TC74VHC125F
IC300	8-759-483-67	s IC UPD78011FCW-026
IC301	8-759-927-12	s IC SN74HCT244ANS
IC302	8-759-186-49	s IC TC74VHC139F(EL)
IC303	8-759-926-80	s IC SN74HC573NS
IC304	8-759-233-75	s IC TC74HCT245AF
IC305	8-759-926-49	s IC SN74HC245ANS
IC306	8-759-926-77	s IC SN74HC541ANS
IC307	8-759-081-42	s IC TC74VHC00F
IC308	8-759-393-38	s IC SN74LVC245ANS-E20
IC309	8-759-083-94	s IC TC7W74FU
IC401	8-759-328-28	s IC ZA4024
IC402	8-759-328-28	s IC ZA4024
IC403	8-759-328-28	s IC ZA4024
IC404	8-759-328-28	s IC ZA4024
IC406	8-759-393-38	s IC SN74LVC245ANS-E20



## (SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
IC407	8-759-393-38 s	IC SN74LVC245ANS-E20
IC408	8-759-393-38 s	IC SN74LVC245ANS-E20
IC409	8-759-392-77 s	IC SN74LVC245APW-E20
IC410	8-759-392-77 s	IC SN74LVC245APW-E20
IC500	8-741-601-11 s	IC SBX1601A
IC502	8-759-324-03 s	IC HA17431UA-TL
IC503	8-759-510-71 s	IC UPC358G2-E2
L100	1-412-527-11 s	INDUCTOR 15uH
L101	1-412-533-21 s	INDUCTOR 47uH
L102	1-412-533-21 s	INDUCTOR 47uH
L103	1-410-470-11 s	INDUCTOR 10uH
L200	1-410-470-11 s	INDUCTOR 10uH
L201	1-410-470-11 s	INDUCTOR 10uH
L202	1-410-470-11 s	INDUCTOR 10uH
L203	1-410-470-11 s	INDUCTOR 10uH
L400	1-410-470-11 s	INDUCTOR 10uH
L401	1-410-470-11 s	INDUCTOR 10uH
L402	1-410-470-11 s	INDUCTOR 10uH
L403	1-410-470-11 s	INDUCTOR 10uH
L500	1-414-102-11 s	INDUCTOR 0.22uH
PS100	△ 1-532-686-21 s	LINK, IC 2.7A
PS101	△ 1-532-984-11 s	LINK, IC 2A
PS102	△ 1-532-984-11 s	LINK, IC 2A
Q100	8-729-105-68 s	TRANSISTOR 2SC3356-K
Q101	8-729-105-68 s	TRANSISTOR 2SC3356-K
Q102	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q500	8-729-105-68 s	TRANSISTOR 2SC3356-K
Q501	8-729-105-68 s	TRANSISTOR 2SC3356-K
Q502	8-729-105-68 s	TRANSISTOR 2SC3356-K
Q503	8-729-105-68 s	TRANSISTOR 2SC3356-K
Q504	8-729-028-91 s	TRANSISTOR DTA144EUA-T106
Q506	8-729-028-91 s	TRANSISTOR DTA144EUA-T106
R100	1-216-623-11 s	METAL, CHIP 68 0.5% 1/10W
R101	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R102	1-216-611-11 s	METAL, CHIP 22 0.5% 1/10W
R103	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R104	1-216-631-11 s	METAL, CHIP 150 0.5% 1/10W
R105	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R106	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R107	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R108	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R109	1-216-022-00 s	METAL, CHIP 75 5% 1/10W
R110	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R111	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R112	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R113	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R114	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R115	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R116	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R117	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R118	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R119	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R120	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R121	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R122	1-216-059-00 s	METAL, CHIP 2.7k 5% 1/10W
R123	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R124	1-216-033-00 s	METAL, CHIP 220 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R125	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R126	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R127	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R128	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R129	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R130	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R131	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R132	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R133	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R134	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R135	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R136	1-216-071-00 s	METAL, CHIP 8.2k 5% 1/10W
R137	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R138	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R139	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R140	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R141	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R142	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R143	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R146	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R147	1-216-653-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R149	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R151	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R152	1-216-687-11 s	METAL, CHIP 33k 0.5% 1/10W
R154	1-216-663-11 s	METAL, CHIP 3.3k 0.5% 1/10W
R155	1-216-643-11 s	METAL, CHIP 470 0.5% 1/10W
R156	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R157	1-216-651-11 s	METAL, CHIP 1k 0.5% 1/10W
R158	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R159	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R160	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R161	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R162	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R163	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R164	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R165	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R166	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R167	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R168	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R169	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R170	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R200	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R201	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R202	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R203	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R205	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R206	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R207	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R208	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R209	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R210	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R211	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R212	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R213	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R214	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R215	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R217	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R218	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R219	1-216-295-91 s	METAL, CHIP 0 5% 1/10W



## (SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R220	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R221	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R222	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R223	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R224	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R227	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R228	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R229	1-216-009-91 s	METAL, CHIP 22 5% 1/10W
R230	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R231	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R232	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R233	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R234	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R301	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R302	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R303	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R305	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R306	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R307	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R308	1-216-109-00 s	METAL, CHIP 330k 5% 1/10W
R309	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R310	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R311	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R312	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R313	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R314	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R315	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R316	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R317	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R318	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R319	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R320	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R321	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R322	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R326	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R400	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R401	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R402	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R403	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R405	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R406	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R407	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R408	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R409	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R410	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R411	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R412	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R413	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R414	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R415	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R416	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R417	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R418	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R419	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R420	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R421	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R422	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R427	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R428	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W

## (SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R429	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R431	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R433	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R436	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R438	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R439	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R440	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R441	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R442	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R443	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R444	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R445	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R446	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R447	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R448	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R449	1-216-805-11 s	METAL, CHIP 47 5% 1/16W
R450	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R451	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R452	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R453	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R454	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R455	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R456	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R457	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R458	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R459	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R460	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R461	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R462	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R463	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R464	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R465	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R500	1-216-623-11 s	METAL, CHIP 68 0.5% 1/10W
R501	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R502	1-216-029-00 s	METAL, CHIP 150 5% 1/10W
R503	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R504	1-216-623-11 s	METAL, CHIP 68 0.5% 1/10W
R505	1-216-613-11 s	METAL, CHIP 27 0.5% 1/10W
R506	1-216-623-11 s	METAL, CHIP 68 0.5% 1/10W
R508	1-216-623-11 s	METAL, CHIP 68 0.5% 1/10W
R509	1-216-613-11 s	METAL, CHIP 27 0.5% 1/10W
R510	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R511	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R512	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R513	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R514	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R515	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R516	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R517	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R518	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R519	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R520	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R521	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R522	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R523	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R524	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R525	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R526	1-216-689-11 s	METAL, CHIP 39k 0.5% 1/10W
R527	1-216-077-00 s	METAL, CHIP 15k 5% 1/10W



## (SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R528	1-216-689-11	s METAL, CHIP 39k 0.5% 1/10W
R529	1-216-077-00	s METAL, CHIP 15k 5% 1/10W
R530	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R531	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R532	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R533	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R534	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R535	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R536	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R537	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R538	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R539	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R542	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R543	1-216-651-11	s METAL, CHIP 1k 0.5% 1/10W
R545	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R546	1-216-653-11	s METAL, CHIP 1.2k 0.5% 1/10W
R548	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R549	1-216-685-11	s METAL, CHIP 27k 0.5% 1/10W
R550	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R560	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R562	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R563	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R564	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
RB101	1-239-409-11	s RESISTOR BLOCK, CHIP 47 x 4
RB102	1-239-409-11	s RESISTOR BLOCK, CHIP 47 x 4
RB200	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB201	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB210	1-239-711-91	s RESISTOR BLOCK, CHIP 0 x 4
RB211	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB212	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB213	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB214	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB215	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB216	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB217	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB300	1-239-306-11	s RESISTOR BLOCK, CHIP 10k x 8
RB301	1-239-306-11	s RESISTOR BLOCK, CHIP 10k x 8
RB302	1-239-306-11	s RESISTOR BLOCK, CHIP 10k x 8
RB401	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB402	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB403	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB404	1-239-711-91	s RESISTOR BLOCK, CHIP 0 x 4
RB405	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB406	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB407	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB408	1-239-309-11	s RESISTOR BLOCK, CHIP 100k x 8
RB500	1-233-448-11	s RESISTOR BLOCK, CHIP 22 x 4
RB501	1-233-448-11	s RESISTOR BLOCK, CHIP 22 x 4
RB502	1-233-448-11	s RESISTOR BLOCK, CHIP 22 x 4
RV100	1-237-034-11	s RES, ADJ, METAL 2k
RV500	1-237-034-11	s RES, ADJ, METAL 2k
S301	1-572-855-11	s SWITCH, SLIDE
X300	1-579-175-11	s RESONATOR, CERAMIC 10.00MHz

## SE-315 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-662-914-11	o PRINTED CIRCUIT BOARD, SE-315
CN61	1-566-759-11	o PIN, CONNECTOR (PC BOARD) 4P
IC1	8-749-012-50	s IC HEDR-8000
R1	1-216-033-00	s METAL, CHIP 220 5% 1/10W

## SE-361 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-662-915-11	o PRINTED CIRCUIT BOARD, SE-361
CN61	1-566-759-11	o PIN, CONNECTOR (PC BOARD) 4P
IC1	8-749-012-50	s IC HEDR-8000
R1	1-216-033-00	s METAL, CHIP 220 5% 1/10W



## SV-161 BOARD(DSR-85/85P)

## (SV-161 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-894-A	s MOUNTED CIRCUIT BOARD, SV-161
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
14pcs	7-621-759-65	s +PSW, 2.6x8
C101	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C102	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C103	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C104	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C105	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C106	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C107	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C108	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C109	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C110	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C111	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C112	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C113	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C120	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C121	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C122	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C123	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C124	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C125	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C126	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C127	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C128	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C135	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C136	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C137	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C138	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C139	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C140	1-104-760-11	s CERAMIC, CHIP 0.047uF 10% 50V
C201	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C202	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C203	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C204	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C205	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C206	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C207	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C208	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C209	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C210	1-104-760-11	s CERAMIC, CHIP 0.047uF 10% 50V
C211	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C212	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C213	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C214	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C215	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C216	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C217	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C218	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C219	1-130-483-00	s MYLAR 0.01uF 5% 50V
C220	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C221	1-126-933-11	s ELECT 100uF 20% 16V
C222	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C223	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C224	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C225	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C226	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C227	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V

Ref. No. or Q'ty	Part No.	SP Description
C228	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C229	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C230	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C231	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C232	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C233	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C234	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C235	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C236	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C237	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C238	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C239	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C240	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C241	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C242	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C243	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C244	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C245	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C249	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C250	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C256	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C257	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C258	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C259	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C260	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C263	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C264	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C270	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C271	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C272	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C273	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C274	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C275	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C280	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C281	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C282	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C301	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C304	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C306	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C308	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C310	1-104-760-11	s CERAMIC, CHIP 0.047uF 10% 50V
C311	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C312	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C314	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C316	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C317	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C318	1-115-340-11	s CERAMIC 0.22uF 10% 25V
C372	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C375	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C380	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C381	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C382	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C401	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C404	1-163-038-91	s CERAMIC, CHIP 0.1uF 25V
C406	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C408	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C410	1-104-760-11	s CERAMIC, CHIP 0.047uF 10% 50V
C411	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C412	1-163-021-91	s CERAMIC 0.01uF 10% 50V



## (SV-161 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C414	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C416	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C417	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C418	1-115-340-11 s	CERAMIC 0.22uF 10% 25V
C472	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C480	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C481	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C482	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C501	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C502	1-107-906-11 s	ELECT 10uF 20% 50V
C503	1-107-906-11 s	ELECT 10uF 20% 50V
C504	1-107-906-11 s	ELECT 10uF 20% 50V
C505	1-107-906-11 s	ELECT 10uF 20% 50V
C506	1-107-906-11 s	ELECT 10uF 20% 50V
C507	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C508	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C509	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C510	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C511	1-107-907-11 s	ELECT 22uF 20% 25V
C512	1-107-907-11 s	ELECT 22uF 20% 25V
C513	1-107-907-11 s	ELECT 22uF 20% 25V
C514	1-107-907-11 s	ELECT 22uF 20% 25V
C515	1-130-489-00 s	MYLAR 0.033uF 5% 50V
C516	1-130-489-00 s	MYLAR 0.033uF 5% 50V
C517	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C518	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C519	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C520	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C521	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C522	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C523	1-107-907-11 s	ELECT 22uF 20% 25V
C524	1-107-907-11 s	ELECT 22uF 20% 25V
C525	1-107-907-11 s	ELECT 22uF 20% 25V
C526	1-107-907-11 s	ELECT 22uF 20% 25V
C527	1-130-489-00 s	MYLAR 0.033uF 5% 50V
C528	1-130-489-00 s	MYLAR 0.033uF 5% 50V
C529	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C530	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C531	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C532	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C533	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C534	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C535	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C536	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C537	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C538	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C539	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C540	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C541	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C542	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C601	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C602	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C603	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C604	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C605	1-163-133-00 s	CERAMIC, CHIP 470pF 5% 50V
C606	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C607	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C608	1-163-133-00 s	CERAMIC, CHIP 470pF 5% 50V
C609	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C610	1-104-760-11 s	CERAMIC, CHIP 0.047uF 10% 50V
C611	1-163-133-00 s	CERAMIC, CHIP 470pF 5% 50V
C612	1-130-491-00 s	MYLAR 0.047uF 5% 50V
C613	1-163-021-91 s	CERAMIC 0.01uF 10% 50V
C614	1-130-489-00 s	MYLAR 0.033uF 5% 50V
C615	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C616	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C617	1-163-243-11 s	CERAMIC, CHIP 47pF 5% 50V
C618	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C619	1-126-933-11 s	ELECT 100uF 20% 16V
C620	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C621	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C622	1-163-133-00 s	CERAMIC, CHIP 470pF 5% 50V
C623	1-163-133-00 s	CERAMIC, CHIP 470pF 5% 50V
C624	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C625	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C626	1-126-940-11 s	ELECT 330uF 20% 25V
C627	1-126-940-11 s	ELECT 330uF 20% 25V
C628	1-126-940-11 s	ELECT 330uF 20% 25V
C629	1-126-933-11 s	ELECT 100uF 20% 16V
C630	1-126-933-11 s	ELECT 100uF 20% 16V
C631	1-126-933-11 s	ELECT 100uF 20% 16V
C632	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C633	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C634	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C635	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C636	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C637	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C638	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C639	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C640	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C641	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C642	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C643	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C644	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C645	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C646	1-163-038-91 s	CERAMIC, CHIP 0.1uF 25V
C647	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C648	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C649	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
CN118	1-778-262-12 o	CONNECTOR, BB 148P, MALE
CN601	1-506-487-11 o	CONNECTOR, 8P, MALE
D101	8-719-941-86 s	DIODE DAN202U
D102	8-719-941-86 s	DIODE DAN202U
D103	8-719-941-86 s	DIODE DAN202U
D104	8-719-941-09 s	DIODE DAP202U
D105	8-719-941-09 s	DIODE DAP202U
D106	8-719-941-09 s	DIODE DAP202U
D107	8-719-941-86 s	DIODE DAN202U
D108	8-719-941-86 s	DIODE DAN202U
D109	8-719-941-86 s	DIODE DAN202U
D110	8-719-941-09 s	DIODE DAP202U
D111	8-719-941-09 s	DIODE DAP202U
D112	8-719-941-09 s	DIODE DAP202U
D200	8-719-941-86 s	DIODE DAN202U
D201	8-719-941-86 s	DIODE DAN202U
D202	8-719-941-86 s	DIODE DAN202U
D203	8-719-941-86 s	DIODE DAN202U



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Ref. No. or Q'ty	Part No.	SP Description
D204	8-719-800-76	s DIODE 1SS226
D300	8-719-941-86	s DIODE DAN202U
D301	8-719-941-86	s DIODE DAN202U
D302	8-719-941-86	s DIODE DAN202U
D303	8-719-941-86	s DIODE DAN202U
D400	8-719-941-86	s DIODE DAN202U
D401	8-719-941-86	s DIODE DAN202U
D402	8-719-941-86	s DIODE DAN202U
D403	8-719-941-86	s DIODE DAN202U
D501	8-719-200-02	s DIODE 10E-2
D502	8-719-200-02	s DIODE 10E-2
D503	8-719-200-02	s DIODE 10E-2
D504	8-719-200-02	s DIODE 10E-2
D505	8-719-200-02	s DIODE 10E-2
D506	8-719-200-02	s DIODE 10E-2
D603	8-719-024-81	s DIODE 1SS300-TE85L
D604	8-719-024-81	s DIODE 1SS300-TE85L
E601	1-535-881-21	o TERMINAL, TP
E602	1-535-881-21	o TERMINAL, TP
E603	1-535-881-21	o TERMINAL, TP
FL201	1-233-758-11	s FILTER, BAND-PASS 0.2325MHz
FL202	1-233-760-11	s FILTER, BAND-PASS 0.93MHz
FL203	1-233-759-11	s FILTER, BAND-PASS 0.3488MHz
FL204	1-233-761-11	s FILTER, BAND-PASS 1.395MHz
FL301	1-233-758-11	s FILTER, BAND-PASS 0.2325MHz
FL303	1-233-759-11	s FILTER, BAND-PASS 0.3488MHz
FL401	1-233-758-11	s FILTER, BAND-PASS 0.2325MHz
FL403	1-233-759-11	s FILTER, BAND-PASS 0.3488MHz
IC101	8-759-600-34	s IC M54532P
IC102	8-759-368-51	s IC M54523FP
IC103	8-759-927-12	s IC SN74HCT244ANS
IC105	8-752-893-02	o IC CXP87140-078Q
IC106	8-759-186-44	s IC TC74VHC125F
IC107	8-759-393-39	s IC SN74LVC245ANS-E05
IC109	8-759-510-71	s IC UPC358G2-E2
IC201	8-759-553-67	s IC UPC4574G2-E2
IC202	8-759-111-56	s IC UPC4572G2
IC203	8-759-238-51	s IC TC74HC4051AF(EL)
IC204	8-759-112-53	s IC UPC1663G
IC205	8-759-111-56	s IC UPC4572G2
IC206	8-759-112-53	s IC UPC1663G
IC207	8-759-112-53	s IC UPC1663G
IC208	8-759-011-65	s IC MC74HC4053F
IC209	8-759-553-67	s IC UPC4574G2-E2
IC210	8-759-112-66	s IC UPC812G2
IC211	8-759-510-71	s IC UPC358G2-E2
IC212	8-752-053-21	s IC CXA1211M
IC213	8-759-239-25	s IC TC74HC4066F
IC302	8-759-553-67	s IC UPC4574G2-E2
IC305	8-759-111-56	s IC UPC4572G2
IC309	8-759-553-67	s IC UPC4574G2-E2
IC310	8-752-053-21	s IC CXA1211M
IC402	8-759-553-67	s IC UPC4574G2-E2
IC405	8-759-111-56	s IC UPC4572G2
IC409	8-759-553-67	s IC UPC4574G2-E2
IC501	8-759-205-56	s IC TA7267P
IC502	8-759-205-56	s IC TA7267P
IC503	8-759-205-56	s IC TA7267P

Ref. No. or Q'ty	Part No.	SP Description
IC504	8-759-100-96	s IC UPC4558G2
IC505	8-759-100-96	s IC UPC4558G2
IC506	8-759-100-96	s IC UPC4558G2
IC507	8-759-100-95	s IC UPC324G2
IC601	8-759-055-82	s IC M62353GP
IC602	8-759-106-02	s IC UPC4570G2
IC603	8-759-700-07	s IC NJM2903M
IC604	8-759-009-11	s IC MC14070BF
IC605	8-759-106-02	s IC UPC4570G2
IC606	8-759-980-04	s IC LM311PS
IC607	8-759-009-07	s IC MC14053BF
IC608	8-759-100-95	s IC UPC324G2
IC610	8-759-106-02	s IC UPC4570G2
IC611	8-759-106-02	s IC UPC4570G2
IC612	8-759-182-84	s IC PQ05S25U
L202	1-412-533-21	s INDUCTOR 47uH
L601	1-412-533-21	s INDUCTOR 47uH
L602	1-412-533-21	s INDUCTOR 47uH
PS601	Δ 1-532-675-21	s LINK, IC 1.5A
PS602	Δ 1-532-679-00	s LINK, IC
PS603	Δ 1-532-679-00	s LINK, IC
PS604	Δ 1-532-679-00	s LINK, IC
PS605	Δ 1-532-637-00	s LINK, IC 1.0A
PS606	Δ 1-532-679-00	s LINK, IC
Q101	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q102	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q103	8-729-216-22	s TRANSISTOR 2SA1162
Q104	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q105	8-729-216-22	s TRANSISTOR 2SA1162
Q106	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q201	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q501	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q502	8-729-141-83	s TRANSISTOR 2SB1094-LK
Q503	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q504	8-729-400-12	s TRANSISTOR 2SB941-P
Q505	8-729-021-83	s TRANSISTOR 2SA1020-Y
Q506	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q507	8-729-021-83	s TRANSISTOR 2SA1020-Y
Q508	8-729-112-61	s TRANSISTOR 2SA1441
Q509	8-729-141-18	s TRANSISTOR 2SC3692
Q510	8-729-102-14	s TRANSISTOR 2SD1021-F
Q511	8-729-205-02	s TRANSISTOR 2SA1150-Y
Q512	8-729-112-61	s TRANSISTOR 2SA1441
Q513	8-729-141-18	s TRANSISTOR 2SC3692
Q514	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q515	8-729-021-83	s TRANSISTOR 2SA1020-Y
Q516	8-729-112-61	s TRANSISTOR 2SA1441
Q517	8-729-141-18	s TRANSISTOR 2SC3692
Q518	8-729-102-14	s TRANSISTOR 2SD1021-F
Q519	8-729-205-02	s TRANSISTOR 2SA1150-Y
Q520	8-729-112-61	s TRANSISTOR 2SA1441
Q521	8-729-141-18	s TRANSISTOR 2SC3692
Q601	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q602	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q604	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q605	8-729-021-83	s TRANSISTOR 2SA1020-Y
Q606	8-729-400-12	s TRANSISTOR 2SB941-P



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Ref. No. or Q'ty	Part No.	SP Description
R101	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R102	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R103	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R104	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R105	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R106	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R107	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R108	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R109	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R110	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R111	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R112	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R113	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R114	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R115	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R116	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R117	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R118	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R120	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R121	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R122	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R124	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R125	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R126	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R127	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R129	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R130	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R131	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R132	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R133	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R140	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R141	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R142	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R151	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R152	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R155	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R156	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R157	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R158	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R159	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R160	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R161	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R162	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R163	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R164	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R165	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R166	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R167	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R168	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R169	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R170	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R171	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R172	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R177	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R178	1-216-081-00 s	METAL, CHIP 22k 5% 1/10W
R179	1-216-105-91 s	METAL, CHIP 220k 5% 1/10W
R180	1-216-105-91 s	METAL, CHIP 220k 5% 1/10W
R182	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R183	1-216-295-91 s	METAL, CHIP 0 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R184	1-208-830-11 s	METAL, CHIP 100k 0.5% 1/10W
R185	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R186	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R187	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R188	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R189	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R190	1-216-065-91 s	METAL, CHIP 4.7k 5% 1/10W
R191	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R192	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R193	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R201	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R202	1-208-818-11 s	METAL, CHIP 33k 0.5% 1/10W
R204	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R205	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R206	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R207	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R208	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R209	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R210	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R211	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R212	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R213	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R214	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R215	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R216	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R217	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R218	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R219	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R220	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R221	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R222	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R223	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R224	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R225	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R226	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R227	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R228	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R229	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R230	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R231	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R232	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R233	1-208-776-11 s	METAL, CHIP 560 0.5% 1/10W
R234	1-208-776-11 s	METAL, CHIP 560 0.5% 1/10W
R235	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R236	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R237	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R238	1-208-766-11 s	METAL, CHIP 220 0.5% 1/10W
R239	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R240	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R241	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R242	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R243	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R244	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R245	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R246	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R247	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R248	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R249	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R250	1-208-818-11 s	METAL, CHIP 33k 0.5% 1/10W



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## (SV-161 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R251	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R252	1-208-830-11 s	METAL, CHIP 100k 0.5% 1/10W
R253	1-208-830-11 s	METAL, CHIP 100k 0.5% 1/10W
R254	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R255	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R256	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R259	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R260	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R261	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R301	1-208-838-91 s	METAL, CHIP 220k 0.5% 1/10W
R302	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R303	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R307	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R308	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R309	1-208-794-11 s	METAL, CHIP 3.3k 0.5% 1/10W
R315	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R317	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R319	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R321	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R323	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R325	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R327	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R328	1-208-818-11 s	METAL, CHIP 33k 0.5% 1/10W
R330	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R331	1-208-818-11 s	METAL, CHIP 33k 0.5% 1/10W
R339	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R340	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R341	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R342	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R343	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R344	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R345	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R346	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R347	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R348	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R349	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R350	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R351	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R354	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R355	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R359	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R360	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R361	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R362	1-208-838-91 s	METAL, CHIP 220k 0.5% 1/10W
R363	1-208-838-91 s	METAL, CHIP 220k 0.5% 1/10W
R401	1-208-838-91 s	METAL, CHIP 220k 0.5% 1/10W
R402	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R403	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R407	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R408	1-208-758-11 s	METAL, CHIP 100 0.5% 1/10W
R409	1-208-794-11 s	METAL, CHIP 3.3k 0.5% 1/10W
R415	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R417	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R419	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R421	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R423	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R425	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R427	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R428	1-208-818-11 s	METAL, CHIP 33k 0.5% 1/10W

Ref. No. or Q'ty	Part No.	SP Description
R430	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R431	1-208-818-11 s	METAL, CHIP 33k 0.5% 1/10W
R439	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R440	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R441	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R442	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R443	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R444	1-208-782-11 s	METAL, CHIP 1k 0.5% 1/10W
R445	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R446	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R447	1-208-814-91 s	METAL, CHIP 22k 0.5% 1/10W
R448	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R449	1-208-790-11 s	METAL, CHIP 2.2k 0.5% 1/10W
R450	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R454	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R455	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R459	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R460	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R461	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R462	1-208-838-91 s	METAL, CHIP 220k 0.5% 1/10W
R463	1-208-838-91 s	METAL, CHIP 220k 0.5% 1/10W
R501	1-216-105-91 s	METAL, CHIP 220k 5% 1/10W
R502	1-215-863-11 s	METAL 100 5% 1W
R503	1-215-867-00 s	METAL 470 5% 1W
R504	1-215-868-00 s	METAL 680 5% 1W
R505	1-216-385-11 s	METAL 0.47 5% 3W
R506	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R507	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R508	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R509	1-215-866-11 s	METAL 330 5% 1W
R510	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R511	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R512	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R513	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R514	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R515	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R516	1-216-383-11 s	METAL 0.33 5% 3W
R517	1-216-383-11 s	METAL 0.33 5% 3W
R518	1-216-383-11 s	METAL 0.33 5% 3W
R519	1-216-365-00 s	METAL 0.47 5% 2W
R520	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R521	1-216-365-00 s	METAL 0.47 5% 2W
R522	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R523	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R524	1-208-822-11 s	CHIP, METAL 47k 0.5% 1/10W
R525	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R526	1-208-822-11 s	CHIP, METAL 47k 0.5% 1/10W
R527	1-208-822-11 s	CHIP, METAL 47k 0.5% 1/10W
R528	1-208-822-11 s	CHIP, METAL 47k 0.5% 1/10W
R529	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R530	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R531	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R532	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R533	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R534	1-215-863-11 s	METAL 100 5% 1W
R535	1-215-889-00 s	METAL 330 5% 2W
R536	1-215-889-00 s	METAL 330 5% 2W
R537	1-215-863-11 s	METAL 100 5% 1W
R538	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W



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Ref. No. or Q'ty	Part No.	SP Description
R539	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R540	1-216-365-00	s METAL, 0.47 5% 2W
R541	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R542	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R543	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R544	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R545	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R546	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R547	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R548	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R549	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R550	1-215-863-11	s METAL, 100 5% 1W
R551	1-215-889-00	s METAL 330 5% 2W
R552	1-215-889-00	s METAL 330 5% 2W
R553	1-215-863-11	s METAL 100 5% 1W
R554	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R555	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R556	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R557	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R558	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R559	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R560	1-216-365-00	s METAL 0.47 5% 2W
R561	1-216-365-00	s METAL 0.47 5% 2W
R562	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R563	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R564	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R565	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R566	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R567	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R568	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R569	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R570	1-216-365-00	s METAL 0.47 5% 2W
R571	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R572	1-208-830-11	s METAL, CHIP 100k 0.5% 1/10W
R573	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R574	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R575	1-208-830-11	s METAL, CHIP 100k 0.5% 1/10W
R576	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R577	1-208-830-11	s METAL, CHIP 100k 0.5% 1/10W
R578	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R579	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R580	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R581	1-208-830-11	s METAL, CHIP 100k 0.5% 1/10W
R582	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R601	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R602	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R603	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R604	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R605	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R606	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R607	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R608	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R609	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R610	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R611	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R612	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R613	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R614	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R615	1-216-113-00	s METAL, CHIP 470k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R616	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R617	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R618	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R619	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R620	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R621	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R622	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R623	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R624	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R625	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R626	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R627	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R628	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R629	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R630	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R631	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R632	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R633	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R634	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R635	1-216-113-00	s METAL, CHIP 470k 5% 1/10W
R636	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R637	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R638	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R639	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R640	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R641	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R642	1-216-105-91	s METAL, CHIP 220k 5% 1/10W
R643	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R644	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R645	1-215-863-11	s METAL 100 5% 1W
R646	1-215-863-11	s METAL 100 5% 1W
R647	1-216-365-00	s METAL 0.47 5% 2W
R648	1-216-365-00	s METAL 0.47 5% 2W
R649	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R650	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R651	1-208-790-11	s METAL, CHIP 2.2k 0.5% 1/10W
R652	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R653	1-208-822-11	s CHIP, METAL 47k 0.5% 1/10W
R654	1-208-842-11	s METAL, CHIP 330k 0.5% 1/10W
R655	1-208-842-11	s METAL, CHIP 330k 0.5% 1/10W
R656	1-208-758-11	s METAL, CHIP 100 0.5% 1/10W
R657	1-208-794-11	s METAL, CHIP 3.3k 0.5% 1/10W
RB101	1-233-235-11	s RESISTOR BLOCK, CHIP 10k x 4
RB102	1-233-235-11	s RESISTOR BLOCK, CHIP 10k x 4
RB103	1-233-235-11	s RESISTOR BLOCK, CHIP 10k x 4
RB104	1-239-999-11	s RESISTOR BLOCK, CHIP 1k x 4
RB105	1-239-999-11	s RESISTOR BLOCK, CHIP 1k x 4
RB106	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB107	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB108	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB109	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB110	1-239-998-11	s RESISTOR BLOCK, CHIP 100 x 4
RB111	1-239-303-11	s RESISTOR BLOCK, CHIP 1k x 8
RB112	1-239-389-11	s RESISTOR BLOCK, CHIP 47k x 4
RB113	1-239-389-11	s RESISTOR BLOCK, CHIP 47k x 4
RB114	1-239-389-11	s RESISTOR BLOCK, CHIP 47k x 4
RB601	1-239-389-11	s RESISTOR BLOCK, CHIP 47k x 4
RB602	1-236-908-11	s RESISTOR BLOCK, CHIP 10k x 4



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Ref. No. or Q'ty	Part No.	SP Description
RB603	1-236-908-11	s RESISTOR BLOCK, CHIP 10k x 4
RV301	1-237-036-11	s RES, ADJ, METAL 10k
RV401	1-237-036-11	s RES, ADJ, METAL 10k
TP101	1-535-881-21	o TERMINAL, TP
TP102	1-535-881-21	o TERMINAL, TP
TP103	1-535-881-21	o TERMINAL, TP
TP106	1-535-881-21	o TERMINAL, TP
TP107	1-535-881-21	o TERMINAL, TP
TP108	1-535-881-21	o TERMINAL, TP
TP109	1-535-881-21	o TERMINAL, TP
TP110	1-535-881-21	o TERMINAL, TP
TP111	1-535-881-21	o TERMINAL, TP
TP200	1-535-881-21	o TERMINAL, TP
TP201	1-535-881-21	o TERMINAL, TP
TP202	1-535-881-21	o TERMINAL, TP
TP301	1-535-881-21	o TERMINAL, TP
TP302	1-535-881-21	o TERMINAL, TP
TP303	1-535-881-21	o TERMINAL, TP
TP304	1-535-881-21	o TERMINAL, TP
TP401	1-535-881-21	o TERMINAL, TP
TP402	1-535-881-21	o TERMINAL, TP
TP403	1-535-881-21	o TERMINAL, TP
TP404	1-535-881-21	o TERMINAL, TP
TP601	1-535-881-21	o TERMINAL, TP
TP602	1-535-881-21	o TERMINAL, TP
TP604	1-535-881-21	o TERMINAL, TP
X101	1-577-349-11	s CRYSTAL 16.00MHZ

## SY-220 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-896-A	s MOUNTED CIRCUIT BOARD, SY-220
1pc	7-621-759-45	s +PSW, 2.6x6
1pc	3-179-084-01	s LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s LEVER (L), PRINTED CIRCUIT BOARD
1pc	1-528-749-11	s BATTERY, LITHIUM
C101	1-124-584-00	s ELECT 100uF 20% 10V
C102	1-107-689-21	s TANTALUM, CHIP 1uF 20% 35V
C103	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C104	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C105	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C106	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C107	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C108	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C109	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C110	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C111	1-163-227-11	s CERAMIC, CHIP 10pF 5% 50V
C112	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C113	1-124-589-11	s ELECT 47uF 20% 16V
C114	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C115	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C116	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C117	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C118	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C119	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C120	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C121	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C122	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C201	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C202	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C203	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C204	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C205	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C206	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C207	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C208	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C209	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C210	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C211	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C212	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C213	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C214	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C215	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C216	1-126-947-11	s ELECT 47uF 20% 35V
C217	1-126-933-11	s ELECT 100uF 20% 16V
C218	1-126-947-11	s ELECT 47uF 20% 35V
C219	1-126-933-11	s ELECT 100uF 20% 16V
C220	1-126-933-11	s ELECT 100uF 20% 16V
C221	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C222	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C223	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C224	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C225	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C226	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C301	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C302	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C303	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C304	1-124-589-11	s ELECT 47uF 20% 16V
C305	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C306	1-107-689-21	s TANTALUM, CHIP 1uF 20% 35V



## (SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
C307	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C308	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C309	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C310	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C311	1-163-133-00 s	CERAMIC, CHIP 470pF 5% 50V
C312	1-163-233-11 s	CERAMIC, CHIP 18pF 5% 50V
C313	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C314	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C315	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C316	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C317	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C318	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C319	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C320	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C321	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C322	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C323	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C324	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C325	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C326	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C327	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C328	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C329	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C330	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C401	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C402	1-163-235-11 s	CERAMIC, CHIP 22pF 5% 50V
C403	1-163-237-11 s	CERAMIC, CHIP 27pF 5% 50V
C404	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C405	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C406	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C407	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C408	1-164-690-91 s	CERAMIC, CHIP 0.0022uF 5% 50V
C409	1-163-021-91 s	CERAMIC, CHIP 0.01uF 10% 50V
C410	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C411	1-164-690-91 s	CERAMIC, CHIP 0.0022uF 5% 50V
C412	1-164-690-91 s	CERAMIC, CHIP 0.0022uF 5% 50V
C413	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C414	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C415	1-164-690-91 s	CERAMIC, CHIP 0.0022uF 5% 50V
C416	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C417	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C418	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C419	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C420	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C421	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C422	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C424	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C425	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C426	1-163-251-11 s	CERAMIC, CHIP 100pF 5% 50V
C428	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C501	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C502	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C503	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C504	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C505	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C506	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C507	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C508	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP Description
C509	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C510	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C511	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C512	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C601	1-163-133-00 s	CERAMIC, CHIP 470pF 5% 50V
C602	1-124-589-11 s	ELECT 47uF 20% 16V
C603	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C604	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C605	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C606	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C607	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C608	1-163-227-11 s	CERAMIC, CHIP 10pF 5% 50V
C609	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C610	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C611	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C612	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C613	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C614	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C615	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C616	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C617	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C618	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C619	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C620	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C621	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C701	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C702	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C703	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C707	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C708	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C709	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C712	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C713	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C714	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C801	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C802	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C803	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C804	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C805	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C806	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C807	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C808	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C809	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C810	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C811	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
CN1	1-778-889-11 o	CONNECTOR, BB 34P, FEMALE
CN2	1-565-879-11 s	PIN, CONNECTOR (PC BOARD) 7P
CN3	1-506-484-11 s	CONNECTOR, 5P, MALE
CN4	1-506-481-11 s	CONNECTOR, 2P, MALE
CN117	1-778-262-12 o	CONNECTOR, BB 148P, MALE
CNI102	1-526-660-21 o	SOCKET, IC 32P
CNI103	1-526-660-21 o	SOCKET, IC 32P
CNI315	1-526-660-21 o	SOCKET, IC 32P
CNI316	1-526-660-21 o	SOCKET, IC 32P
CNI610	1-526-660-21 o	SOCKET, IC 32P
CNI611	1-526-660-21 o	SOCKET, IC 32P
CV101	1-141-444-11 s	CAP, TRIMMER CERAMIC 50pF



## (SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
D301	8-719-941-23	s DIODE DA204U
D302	8-719-941-23	s DIODE DA204U
D303	8-719-941-23	s DIODE DA204U
D304	8-719-941-23	s DIODE DA204U
D305	8-719-941-23	s DIODE DA204U
D306	8-719-941-23	s DIODE DA204U
D307	8-719-941-23	s DIODE DA204U
D308	8-719-941-23	s DIODE DA204U
D309	8-719-941-23	s DIODE DA204U
D310	8-719-941-23	s DIODE DA204U
D311	8-719-941-23	s DIODE DA204U
D401	8-719-987-43	s DIODE CL-150PG-CD
D402	8-719-989-22	s LED CL-150R-CD, RED
D601	8-719-987-43	s DIODE CL-150PG-CD
E101	1-535-881-21	o TERMINAL, TP
E301	1-535-881-21	o TERMINAL, TP
E302	1-535-881-21	o TERMINAL, TP
E601	1-535-881-21	o TERMINAL, TP
FL201	1-239-719-31	s FILTER, NOISE
IC101	8-759-525-99	s IC HD6437021SC02X
IC102	8-759-573-08	o IC M27C1001-70F1-85SY102-V1.40
IC103	8-759-573-09	o IC M27C1001-70F1-85SY103-V1.40
IC104	8-759-186-77	s IC TC74VHC541F
IC105	8-759-031-84	s IC SC7S04F
IC106	8-759-074-51	s IC S-8054HNM-CQ-T1
IC107	8-759-195-02	s IC TC7S86F-TE85R
IC109	8-759-369-92	s IC M51958AFP600D
IC110	8-759-192-25	s IC UPD6453GT-635-E2
IC111	8-759-479-32	s IC SN75C1168NS-E05
IC112	8-759-186-44	s IC TC74VHC125F
IC113	8-759-186-47	s IC TC74VHC138F(EL)
IC114	8-759-186-47	s IC TC74VHC138F(EL)
IC115	8-759-296-24	s IC CY7C199-20VC
IC116	8-759-296-24	s IC CY7C199-20VC
IC201	8-759-186-47	s IC TC74VHC138F(EL)
IC202	8-759-186-77	s IC TC74VHC541F
IC203	8-759-186-77	s IC TC74VHC541F
IC204	8-759-186-63	s IC TC74VHC245F(EL)
IC205	8-759-186-32	s IC TC74VHC21F
IC206	8-759-095-41	s IC CXD8176AQ
IC207	8-759-053-58	s IC IDT6116SA25S0
IC208	8-759-095-41	s IC CXD8176AQ
IC209	8-759-053-58	s IC IDT6116SA25S0
IC210	8-759-926-69	s IC SN74HC377ANS
IC211	8-759-186-77	s IC TC74VHC541F
IC301	8-759-348-69	s IC HD6415108RF10
IC302	8-759-009-05	s IC MC14051BF
IC303	8-759-510-71	s IC UPC358G2-E2
IC304	8-759-081-42	s IC TC74VHC00F
IC305	8-759-186-29	s IC TC74VHC11F
IC306	8-759-185-69	s IC TC74VHC27F(EL)
IC307	8-759-186-47	s IC TC74VHC138F(EL)
IC308	8-759-186-47	s IC TC74VHC138F(EL)
IC309	8-759-081-44	s IC TC74VHC04F
IC310	8-759-186-38	s IC TC74VHC32F(EL)
IC311	8-759-186-32	s IC TC74VHC21F
IC312	8-759-254-78	s IC CY7C185-25VC
IC313	8-759-254-78	s IC CY7C185-25VC

## (SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
IC314	8-759-399-65	s IC M48Z58Y-70MH1TR
IC315	8-759-580-64	o IC M27C1001-10F1-85SY315-V1.40
IC316	8-759-580-65	o IC M27C1001-10F1-85SY316-V1.40
IC401	8-752-343-05	s IC CXD2202Q
IC402	8-759-700-07	s IC NJM2903M
IC405	8-759-009-07	s IC MC14053BF
IC406	8-759-100-95	s IC UPC324G2
IC407	8-759-100-95	s IC UPC324G2
IC408	8-759-553-67	s IC UPC4574G2-E2
IC410	8-759-927-12	s IC SN74HCT244ANS
IC501	8-759-175-56	s IC CXD8804Q
IC502	8-759-053-58	s IC IDT6116SA25S0
IC503	8-759-186-77	s IC TC74VHC541F
IC504	8-759-925-76	s IC SN74HC08NS
IC505	8-759-175-56	s IC CXD8804Q
IC506	8-759-053-58	s IC IDT6116SA25S0
IC507	8-759-186-77	s IC TC74VHC541F
IC508	8-759-186-44	s IC TC74VHC125F
IC509	8-759-242-78	s IC TC7W02F
IC510	8-759-186-44	s IC TC74VHC125F
IC601	8-759-525-99	s IC HD6437021SC02X
IC602	8-759-186-77	s IC TC74VHC541F
IC603	8-759-186-77	s IC TC74VHC541F
IC604	8-759-186-63	s IC TC74VHC245F(EL)
IC605	8-759-186-47	s IC TC74VHC138F(EL)
IC606	8-759-186-47	s IC TC74VHC138F(EL)
IC607	8-759-186-38	s IC TC74VHC32F(EL)
IC608	8-759-186-29	s IC TC74VHC11F
IC609	8-759-081-44	s IC TC74VHC04F
IC610	8-759-580-66	o IC M27C1001-70F1-85SY610-V1.42
IC611	8-759-580-67	o IC M27C1001-70F1-85SY611-V1.42
IC612	8-759-466-16	s IC IDT7164S20Y-TL
IC613	8-759-466-16	s IC IDT7164S20Y-TL
IC620	8-759-175-29	s IC TC74VHC374F
IC701	8-759-175-56	s IC CXD8804Q
IC702	8-759-254-78	s IC CY7C185-25VC
IC703	8-759-186-77	s IC TC74VHC541F
IC704	8-759-927-12	s IC SN74HCT244ANS
IC709	8-759-175-56	s IC CXD8804Q
IC710	8-759-254-78	s IC CY7C185-25VC
IC711	8-759-186-77	s IC TC74VHC541F
IC801	8-759-175-56	s IC CXD8804Q
IC802	8-759-254-78	s IC CY7C185-25VC
IC803	8-759-186-77	s IC TC74VHC541F
IC804	8-759-927-12	s IC SN74HCT244ANS
IC805	8-759-175-56	s IC CXD8804Q
IC806	8-759-254-78	s IC CY7C185-25VC
IC807	8-759-186-77	s IC TC74VHC541F
IC808	8-759-095-41	s IC CXD8176AQ
IC809	8-759-053-58	s IC IDT6116SA25S0
L101	1-408-779-41	s INDUCTOR, CHIP 15uH
L201	1-412-533-21	s INDUCTOR 47uH
L202	1-412-533-21	s INDUCTOR 47uH
PS201	Δ 1-532-679-00	s LINK, IC
PS202	Δ 1-532-679-00	s LINK, IC
PS203	Δ 1-532-679-00	s LINK, IC
PS204	Δ 1-532-675-21	s LINK, IC 1.5A
PS205	Δ 1-532-679-00	s LINK, IC



## (SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
Q101	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q301	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q401	8-729-209-06 s	TRANSISTOR 2SC4213A-TE85L
Q402	8-729-209-06 s	TRANSISTOR 2SC4213A-TE85L
Q404	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q405	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q406	8-729-028-91 s	TRANSISTOR DTA144EUA-T106
Q407	8-729-028-91 s	TRANSISTOR DTA144EUA-T106
Q408	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q409	8-729-119-76 s	TRANSISTOR 2SA1115P
Q601	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
Q801	8-729-029-14 s	TRANSISTOR DTC144EUA-T106
R101	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R102	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R103	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R104	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R105	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R106	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R107	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R108	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R109	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R110	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R112	1-216-077-00 s	METAL, CHIP 15k 5% 1/10W
R113	1-216-077-00 s	METAL, CHIP 15k 5% 1/10W
R114	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R115	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R116	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R117	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R118	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R119	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R120	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R121	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R122	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R123	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R124	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R125	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R126	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R127	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R128	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R129	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R130	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R131	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R132	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R133	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R134	1-216-077-00 s	METAL, CHIP 15k 5% 1/10W
R135	1-216-077-00 s	METAL, CHIP 15k 5% 1/10W
R136	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R137	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R138	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R140	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R201	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R202	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R203	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R204	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R301	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R302	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W
R303	1-216-683-11 s	METAL, CHIP 22k 0.5% 1/10W
R304	1-216-675-11 s	METAL, CHIP 10k 0.5% 1/10W

## (SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R305	1-216-683-11 s	METAL, CHIP 22k 0.5% 1/10W
R306	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R307	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R308	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R309	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R310	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R311	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R312	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R313	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R314	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R315	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R322	1-216-687-11 s	METAL, CHIP 33k 0.5% 1/10W
R323	1-216-699-11 s	METAL, CHIP 100k 0.5% 1/10W
R324	1-216-699-11 s	METAL, CHIP 100k 0.5% 1/10W
R325	1-218-764-11 s	METAL 330k 0.5% 1/10W
R326	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R327	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R328	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R329	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R330	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R331	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R332	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R333	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R334	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R335	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R337	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R338	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R339	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R340	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R341	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R343	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R344	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R345	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R346	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R347	1-216-295-91 s	METAL, CHIP 0 5% 1/10W
R348	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R349	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R350	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R351	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R352	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R357	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R358	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R359	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R360	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R361	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R362	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R363	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R364	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R365	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R367	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R368	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R369	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R370	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R401	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R402	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R403	1-216-073-00 s	METAL, CHIP 10k 5% 1/10W
R404	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R405	1-216-057-00 s	METAL, CHIP 2.2k 5% 1/10W
R407	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W



## (SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R408	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R409	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R410	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R411	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R412	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R413	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R414	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R415	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R416	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R417	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R418	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R419	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R420	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R421	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R422	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R423	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R424	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R425	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R426	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R427	1-216-109-00	s METAL, CHIP 330k 5% 1/10W
R428	1-216-109-00	s METAL, CHIP 330k 5% 1/10W
R429	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R430	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R431	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R432	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R433	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R436	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R437	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R438	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R439	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R440	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R441	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R442	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R443	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R444	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R445	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R446	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R447	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R448	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R449	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R450	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R451	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R452	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R453	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R454	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R455	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R456	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R457	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R458	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R459	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R460	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R462	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R464	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R465	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R466	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R467	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R468	1-216-109-00	s METAL, CHIP 330k 5% 1/10W
R469	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R470	1-216-097-91	s METAL, CHIP 100k 5% 1/10W

## (SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R471	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R472	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R473	1-216-079-00	s METAL, CHIP 18k 5% 1/10W
R474	1-216-103-00	s METAL, CHIP 180k 5% 1/10W
R475	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R476	1-216-109-00	s METAL, CHIP 330k 5% 1/10W
R477	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R478	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R479	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R480	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R481	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R482	1-216-061-00	s METAL, CHIP 3.3k 5% 1/10W
R483	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R484	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R485	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R486	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R487	1-216-109-00	s METAL, CHIP 330k 5% 1/10W
R488	1-216-085-00	s METAL, CHIP 33k 5% 1/10W
R489	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R490	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R491	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R492	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R493	1-216-061-00	s METAL, CHIP 3.3k 5% 1/10W
R494	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R495	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R496	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R497	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R498	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R499	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R501	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R502	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R503	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R504	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R505	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R506	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R507	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R508	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R509	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R510	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R511	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R512	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R532	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R533	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R601	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R602	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R603	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R604	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R605	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R606	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R607	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R608	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R609	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R610	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R611	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R612	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R613	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R614	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R615	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R616	1-216-089-91	s METAL, CHIP 47k 5% 1/10W



## (SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
R620	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R621	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R622	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R624	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R625	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R626	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R627	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R628	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R629	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R630	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R631	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R632	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R633	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R636	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R639	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R640	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R701	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R702	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R703	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R704	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R705	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R711	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R712	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R713	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R715	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R716	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R728	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R729	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R730	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R731	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R732	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R733	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R801	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R802	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R803	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R804	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R805	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R811	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R812	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R813	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R815	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R816	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R825	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R901	1-216-686-11	s METAL, CHIP 30k 0.5% 1/10W
R902	1-216-665-11	s METAL, CHIP 3.9k 0.5% 1/10W
R903	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R904	1-216-699-11	s METAL, CHIP 100k 0.5% 1/10W
R905	1-216-675-11	s METAL, CHIP 10k 0.5% 1/10W
R906	1-218-764-11	s METAL, CHIP 330k 0.5% 1/10W
R907	1-216-057-00	s METAL, CHIP 2.2k 5% 1/10W
R908	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R910	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R911	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R912	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R913	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R914	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R915	1-216-295-91	s METAL, CHIP 0 5% 1/10W
RB101	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8

## (SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP Description
RB102	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB103	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB104	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB201	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB202	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB203	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB204	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB301	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB302	1-239-389-11	s RESISTOR BLOCK, CHIP 47k x 4
RB303	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB304	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB305	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB501	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB502	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB503	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB504	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB505	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB506	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB507	1-239-389-11	s RESISTOR BLOCK, CHIP 47k x 4
RB601	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB602	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB607	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB608	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB701	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB702	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB703	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB707	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB708	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB710	1-236-908-11	s RESISTOR BLOCK, CHIP 10k x 4
RB801	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB802	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB803	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB804	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB805	1-239-308-11	s RESISTOR ARRAY, CHIP 47k
RB806	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
RB808	1-239-305-11	s RESISTOR BLOCK, CHIP 4.7k x 8
S101	1-572-473-11	s SWITCH, PUSH
S201	1-692-535-11	s SWITCH, DIP, CHIP 4-CKT
S501	1-692-536-11	s SWITCH, DIP, CHIP 8-CKT
TP401	1-535-881-21	o TERMINAL, TP
TP402	1-535-881-21	o TERMINAL, TP
X101	1-767-559-11	s CRYSTAL, CHIP 19.6608MHz
X201	1-579-996-21	s VIBRATOR, CERAMIC 20.0MHz
X301	1-579-996-21	s VIBRATOR, CERAMIC 20.0MHz
X401	1-579-996-21	s VIBRATOR, CERAMIC 20.0MHz



TC-90 BOARD(DSBK-130/130P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	4-812-134-11	s RIVET (DIA. 3.5), NYLON
2pcs	7-621-759-45	s +PSW, 2.6x6
C100	1-124-584-00	s ELECT 100uF 20% 10V
C101	1-124-584-00	s ELECT 100uF 20% 10V
C102	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C103	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C104	1-124-261-00	s ELECT 10uF 20% 50V
C105	1-124-261-00	s ELECT 10uF 20% 50V
C106	1-128-499-11	s ELECT 220uF 20% 16V
C107	1-124-584-00	s ELECT 100uF 20% 10V
C108	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C109	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C110	1-163-021-91	s CERAMIC 0.01uF 10% 50V
C111	1-163-251-11	s CERAMIC, CHIP 100pF 5% 50V
C112	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C113	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C114	1-163-235-11	s CERAMIC, CHIP 22pF 5% 50V
C115	1-163-133-00	s CERAMIC, CHIP 470pF 5% 50V
C116	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C117	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C118	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C119	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C120	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C121	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C122	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C123	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
C124	1-163-037-11	s CERAMIC, CHIP 0.022uF 10% 25V
CN1	1-778-888-11	o CONNECTOR, BB 34P, MALE
D100	8-719-941-23	s DIODE DA204U
D101	8-719-941-23	s DIODE DA204U
D102	8-719-941-23	s DIODE DA204U
D103	8-719-941-23	s DIODE DA204U
D104	8-719-941-23	s DIODE DA204U
D105	8-719-941-23	s DIODE DA204U
IC100	8-759-031-84	s IC SC7804F
IC101	8-759-100-96	s IC UPC4558G2
IC102	8-759-186-38	s IC TC74VHC32F(EL)
IC103	8-759-369-73	s IC NJM4556AM
IC104	8-759-186-77	s IC TC74VHC541F
IC105	8-759-700-07	s IC NJM2903M
IC106	8-759-175-77	s IC CXD8384Q
IC107	8-759-186-57	s IC TC74VHC175F
Q100	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q101	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q102	8-729-422-44	s TRANSISTOR 2SK663
Q103	8-729-422-44	s TRANSISTOR 2SK663
R100	1-216-663-11	s METAL, CHIP 3.3k 0.5% 1/10W
R101	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R102	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R103	1-216-691-11	s METAL, CHIP 47k 0.5% 1/10W
R104	1-216-691-11	s METAL, CHIP 47k 0.5% 1/10W
R105	1-216-073-00	s METAL, CHIP 10k 5% 1/10W
R106	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R107	1-216-659-11	s METAL, CHIP 2.2k 0.5% 1/10W
R108	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R109	1-216-699-11	s METAL, CHIP 100k 0.5% 1/10W

(TC-90 BOARD(DSBK-130/130P))

Ref. No. or Q'ty	Part No.	SP Description
R110	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R111	1-216-071-00	s METAL, CHIP 8.2k 5% 1/10W
R112	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R113	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R114	1-216-061-00	s METAL, CHIP 3.3k 5% 1/10W
R115	1-216-699-11	s METAL, CHIP 100k 0.5% 1/10W
R116	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R117	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R118	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R119	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R120	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R121	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R122	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R123	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R124	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R125	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R126	1-216-067-00	s METAL, CHIP 5.6k 5% 1/10W
R127	1-216-065-91	s METAL, CHIP 4.7k 5% 1/10W
R128	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R129	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R130	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R131	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R132	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R133	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R134	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R135	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R136	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R137	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R138	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R139	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R140	1-216-295-91	s METAL, CHIP 0 5% 1/10W
R141	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R142	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R143	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R144	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R145	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R146	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R147	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
X100	1-579-993-21	s CRYSTAL 13.5MHz

TR-93 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	3-182-257-02	s HOLDER, DME
CN31	1-566-759-11	o PIN, CONNECTOR (PC BOARD) 4P
DM230	8-745-001-07	s DME DM-230-1



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FRAME(DSR-85/85P)  
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Ref. No. or Q'ty	Part No.	SP Description
1pc	1-241-577-11	s RES, VAR, CARBON 20K/20k
2pcs	1-454-337-21	s SOLENOID
2pcs	1-454-787-12	s SOLENOID
1pc	Δ 1-468-150-11	s REGULATOR, SWITCHING (for J, UC)
1pc	Δ 1-468-150-21	s REGULATOR, SWITCHING (for CE)
2pcs	1-500-051-11	s BEAD, FERRITE (DETOUCHABLE)
1pc	1-507-743-21	s JACK, MINI STEREO
1pc	1-565-327-11	s JACK, PHONE STEREO
1pc	1-698-785-21	s MOTOR, FAN, DC
2pcs	1-698-847-12	s MOTOR, DC (REEL)
1pc	1-698-881-11	s MOTOR, DC (CAPSTAN)
1pc	1-750-881-11	s ADAPTOR, BNC-MINI COAX
1pc	1-762-551-11	s SWITCH, PUSH
1pc	1-801-573-12	s SENSOR, CONDENSATION
1pc	1-777-529-31	s CABLE COAXIAL-MINI 600mm (CN100/DV-16 board to IN/rear panel)
1pc	1-777-529-41	s CABLE COAXIAL-MINI 600mm (CN500/DV-16 board to OUT/rear panel)
1pc	1-777-531-12	s WIRE, FLEXIBLE CARD 11P (CN724/FP-75 board to CN714/KY-336 board)
2pcs	1-777-532-11	s WIRE, FLEXIBLE CARD 36P (CN203/MS-43 board to CN503/MB-640 board) (CN206/MS-43 board to CN506/MB-640 board)
1pc	1-777-533-11	s WIRE, FLEXIBLE CARD 13P (CN50/CC-75 board to CN505/MB-640 board)
1pc	1-777-534-11	s WIRE, FLEXIBLE CARD 9P (CN204/MS-43 board to CN11/RM-159 board)
1pc	1-777-535-11	s WIRE, FLEXIBLE CARD 34P (CN501/MB-640 board to CN102/REC-32 board)
1pc	1-777-536-11	s WIRE, FLEXIBLE CARD 26P (CN502/MB-640 board to CN103/PRE-32 board)
1pc	1-777-537-11	s WIRE, FLEXIBLE CARD 36P (CN712/KY-336 board to CN702/MB-640 board)
1pc	1-777-731-11	s WIRE, FLEXIBLE CARD 9P (CN209/MS-43 board to CN15/RM-160 board)
HARNESS, SUB (FG) (CN12/RM-159 board to CN41/SE-315 board) (CN16/RM-159 board to CN61/SE-315 board)		
2pcs	1-956-616-11	o HARNESS, SUB (FG)
HARNESS, SUB (THREADING) (CN211/MS-43 board to CN21/PTC-88 board)		
1pc	1-956-617-11	o HARNESS, SUB (THREADING)
HARNESS, SUB (HP-MB) (CN731/HP-73 board to CN701/MB-640 board)		
1pc	1-956-618-11	o HARNESS, SUB (HP-MB)
HARNESS, SUB (1TREG) (CN24/PTC-86 board to CN31/TR-93 board)		
1pc	1-956-620-11	o HARNESS, SUB (1TREG)
HARNESS, SUB (AC SW) (CN903 and CN904/MB-640 board to CN4 and CN5/switching regulator)		
1pc	Δ 1-956-621-11	s HARNESS, SUB (AC SW)
S1001	Δ 1-570-117-31	s SWITCH, ROCKER
HARNESS, SUB (TH/UNTH) (CN221/MS-43 board to CN220/PTC-84 board)		
1pc	1-956-623-13	o HARNESS, SUB (TH/UNTH)

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FRAME(DSBK-120/120P)  
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Ref. No. or Q'ty	Part No.	SP Description
2pcs	1-750-881-11	s ADAPTOR, BNC-MINI COAX



## 13-4. PACKING MATERIALS AND SUPPLIED ACCESSORIES

### SUPPLIED ACCESSORIES(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP Description
1pc	△ 1-551-812-11	s CORD, POWER (for UC)
1pc	△ 1-557-161-11	s CORD, POWER (for J)
1pc	△ 1-782-929-11	s CORD, POWER (BS) 3P (for CE)
1pc	3-704-355-01	o SHEET (STANDARD), PROTECTION
1pc	3-858-309-04	s INSTRUCTION MANUAL (Japanese, for J)
1pc	△ 3-858-309-14	s INSTRUCTION MANUAL (English, for UC, CE)
1pc	3-858-309-24	s INSTRUCTION MANUAL (French, for UC, CE)
1pc	3-858-309-34	s INSTRUCTION MANUAL (German, for CE)
1pc	3-858-309-44	s INSTRUCTION MANUAL (Italian, for CE)
1pc	3-858-617-02	s INSTRUCTION

### SUPPLIED ACCESSORIES(DSBK-120/120P)

Ref. No. or Q'ty	Part No.	SP Description
4pcs	7-621-759-45	s +PSW, 2.6x6
1pc	1-500-051-11	s BEAD, FERRITE (DETOUCHABLE)
1pc	1-777-529-51	s CABLE ASSEMBLY, COAXIAL
1pc	1-777-529-61	s CABLE ASSEMBLY, COAXIAL
1pc	1-500-051-11	s BEAD, FERRITE (DETOUCHABLE)
1pc	1-777-529-11	s CABLE ASSEMBLY, COAXIAL
1pc	1-777-529-21	s CABLE ASSEMBLY, COAXIAL

### SUPPLIED ACCESSORIES(DSBK-130/130P)

Ref. No. or Q'ty	Part No.	SP Description
2pcs	7-621-759-45	s +PSW, 2.6x6

## 13-5. OPTIONAL FIXTURES

### OPTIONAL FIXTURES

Part No.	SP Description
J-6080-029-A	o SMALL DENTAL MIRROR
J-6082-373-A	o DV TORQUE CASSETTE
J-6325-400-A	o TORQUE DRIVER (3kg/cm)
J-6440-850-A	o TAPE GUIDE ADJUSTMENT DRIVER
J-6441-560-A	o EXTENSION BOARD, DJ-156
J-6441-570-A	o EXTENSION BOARD, DJ-157
J-6442-570-A	o REEL TABLE HEIGHT GAUGE
J-6442-470-A	o REEL TABLE REFERENCE PLATE
J-6442-170-A	o BREAK TORQUE GAUGE (CW)
J-6442-460-A	o BREAK TORQUE GAUGE (CCW)
3-184-527-01	o CLEANING CLOTH
7-651-000-10	o GREASE, SGL-601 (NET 50g)
7-661-018-18	o DIAMOND OIL NT-68
7-700-736-06	o L SHAPED HEXAGON WRENCH (S=0.89mm)
7-700-751-01	o NUTDRIVER (S=4.5mm)
8-967-999-02	o ALIGNMENT TAPE, XH2-1AST
8-967-999-21	o ALIGNMENT TAPE, XH5-1A (for NTSC)
8-967-999-25	o ALIGNMENT TAPE, XH5-1AP (for PAL)
9-911-053-00	o THICKNESS GAUGE
9-919-573-01	o CLEANING LIQUID